

Converting Colors

XYZ(75.1465, 90.5984, 69.1602)

Have a look what the booklet for
XYZ(75.1465, 90.5984, 69.1602)
contains.

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Color

**XYZ(75.3341, 90.6897,
69.4114)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFCA
RGB	218, 255, 202
RGB Percent	85%, 100%, 79%
CMY	0.1451, 0.0000, 0.2078
CMYK	0.15, 0.00, 0.21, 0.00
HSL	102°, 100%, 90%
HSV	102°, 21%, 100%
XYZ	75.3341, 90.6897, 69.4114
YIQ	237.8950, -5.0390, -24.3270

Conversions

Conversions Part 2

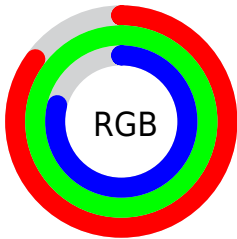
Format	Color
RYB	202, 255, 239
Decimal	14352330
CIELab	96.28, -21.25, 21.46
CIELCh	96, 30.203, 134.719
Yxy	90.6897, 0.3200, 0.3852
Android (android.graphics.Color)	4292542410 (0xFFDAFFCA)
YUV	237.8950, -17.6962, -17.4479
Hunter-Lab	95.2311, -25.4492, 23.4469

Details

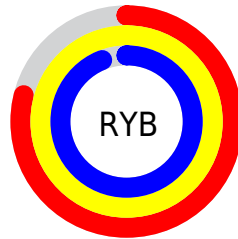
The XYZ color **75.3341, 90.6897, 69.4114** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.7680, 67.8129, 103.7563**, and the grayscale version is **81.3217, 85.5567, 93.1713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6436, 50.3128, 35.5862** is the 20% darker color. If you saturate the color by 10%, you get **67.5189, 86.9813, 54.5657**, and if you desaturate by 10%, it is **84.2213, 94.8930, 86.9142**.

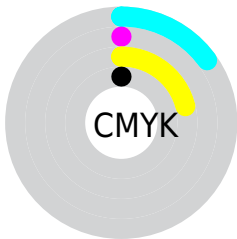
Distribution



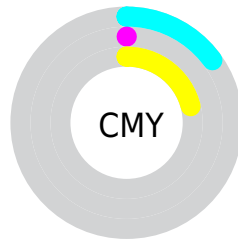
- Red (85%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3341, 90.6897, 69.4114 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3341, 90.6897, 69.4114 by changing the saturation by 10% instead.


 75.3341, 90.6897,
69.4114

 75.3341, 90.6897,
69.4114


468.0446,
530.2719, 477.2138

 56.1818, 68.5528,
50.5730


125.7706,
148.2960, 120.0422

 40.5863, 50.3476,
35.4945


157.7854,
184.5343, 152.6717

 28.1822, 35.6897,
23.7575


194.8185,
226.2418, 190.7353

 18.6042, 24.1946,
14.9433

237.2351,
273.8030, 234.6515

 11.4869, 15.4781,
8.6334

285.4007,
327.6021, 284.8390

 6.4651, 9.1556,
4.4093

339.6806,

 3.1732, 4.8428,

388.0238, 341.7161

1.8525

400.4401,
455.4522, 405.7016

■ 1.2460, 2.1553,
0.4622

■ 0.1422, 0.6955,
0.0000

■ 75.3341, 90.6897,
69.4114

■ 75.3341, 90.6897,
69.4114

■ 67.5189, 86.9813,
54.5657

■ 84.2213, 94.8930,
86.9142

■ 60.7314, 83.7479,
42.2431

■ 94.2187, 99.6084,
107.1907

■ 54.9267, 80.9695,
32.3044

■ 95.0500, 100.0000,
108.9000

■ 50.0558, 78.6240,
24.5949

■ 46.0649, 76.6876,
18.9419

■ 42.8937, 75.1335,
15.1475

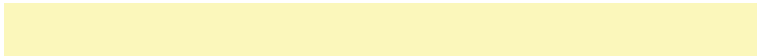
■ 40.4732, 73.9313,
12.9743

■ 38.8189, 73.0969,
12.0632

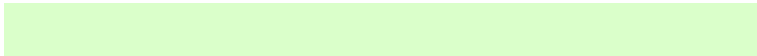
Harmonies

Analogous

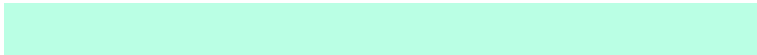
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1622, 90.6897, 60.4509



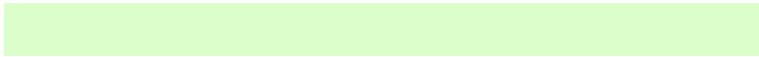
75.3341, 90.6897, 69.4114



71.5490, 90.6897, 87.0591

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3341, 90.6897, 69.4114



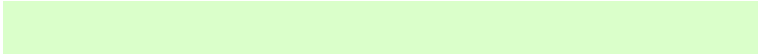
82.0143, 90.6897, 150.3754



102.7670, 90.6897, 87.4620

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3341, 90.6897, 69.4114



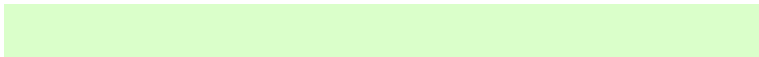
74.7680, 67.8129, 103.7563

Split Complementary

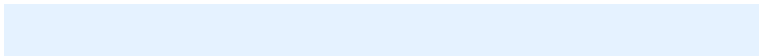
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.7210, 90.6897, 111.4340



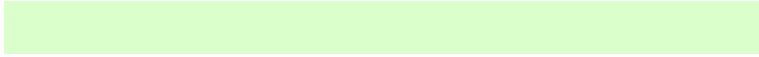
75.3341, 90.6897, 69.4114



90.3635, 90.6897, 150.5306

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



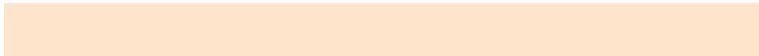
75.3341, 90.6897, 69.4114



75.2319, 90.6897, 134.9663



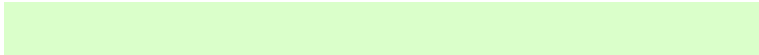
98.0588, 90.6897, 135.3612



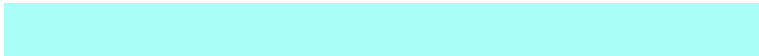
98.1807, 90.6897, 69.6650

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3341, 90.6897, 69.4114



71.0943, 90.6897, 102.5971



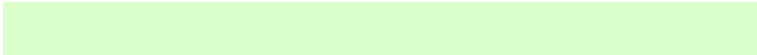
98.0588, 90.6897, 135.3612



103.3019, 90.6897, 94.9919

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3347, 90.6900, 69.4128



88.8626, 97.0836, 96.2601



82.5388, 86.8001, 68.2822



18.8814, 20.7144, 20.3224



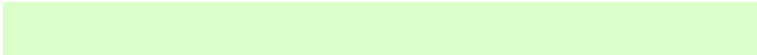
0.0000, 0.0000, 0.0000



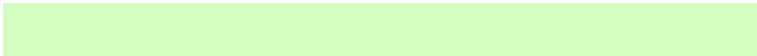
20.3446, 21.4041, 23.3091

Same Dimension

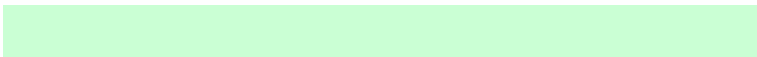
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3347, 90.6900, 69.4128



71.9110, 89.0670, 62.8361



71.9658, 88.8161, 75.4515



18.2871, 20.4339, 19.1246



20.4149, 38.2623, 6.3094



2.0927, 3.7796, 0.6192

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.7680, 67.8129, 103.7563



71.2462, 62.3817, 102.8935



78.8858, 70.1120, 95.9887



18.2275, 18.0090, 22.7653



19.1860, 8.8012, 50.1222



1.9789, 0.9141, 4.8854

Previews

White Background



This preview shows how the XYZ color 75.3341, 90.6897, 69.4114 looks on a white background.

Color Contrast Check

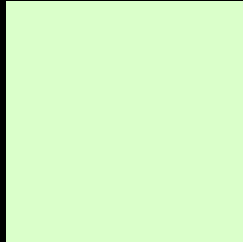
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3341, 90.6897, 69.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

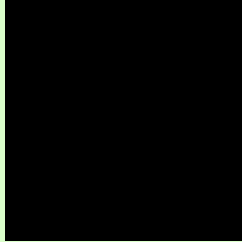
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

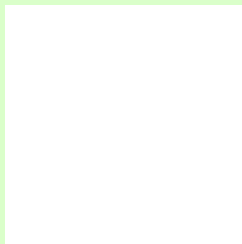
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3341, 90.6897, 69.4114

Background



This preview shows how black text looks on a background with the XYZ color 75.3341, 90.6897, 69.4114.



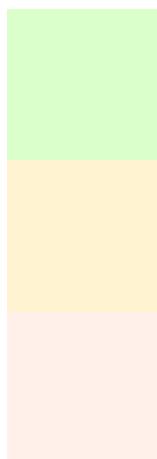
This preview shows how white text looks on a background with the XYZ color 75.3341, 90.6897,

69.4114.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3341, 90.6897, 69.4114

Protanopia

84.9235, 90.0143, 73.8713

Deuteranopia

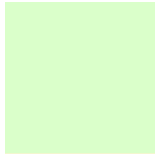
87.5466, 90.1111, 90.6209



Tritanopia

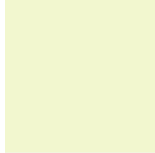
85.2945, 90.3577, 107.5530

Trichromacy



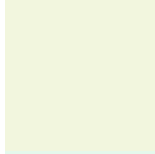
Original Color

75.3341, 90.6897, 69.4114



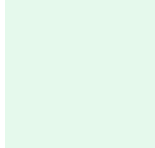
Protanomaly

81.1412, 89.9038, 72.1080



Deuteranomaly

82.7585, 90.0627, 82.1292



Tritanomaly

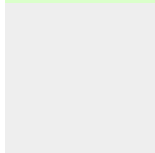
81.3291, 90.4655, 92.5320

Monochromacy



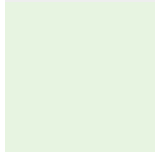
Original Color

75.3341, 90.6897, 69.4114



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8963, 87.1265, 83.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3341, 90.6897, 69.4114 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 75.3341, 90.6897, 69.4114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 202) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 255, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3341, 90.6897, 69.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
255, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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