

Converting Colors

XYZ(75.1889, 90.2843, 66.5724)

Have a look what the booklet for
XYZ(75.1889, 90.2843, 66.5724)
contains.

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Color

**XYZ(75.0351, 90.1305,
66.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFEC5
RGB	220, 254, 197
RGB Percent	86%, 100%, 77%
CMY	0.1373, 0.0039, 0.2274
CMYK	0.13, 0.00, 0.22, 0.00
HSL	96°, 97%, 88%
HSV	96°, 22%, 100%
XYZ	75.0351, 90.1305, 66.2655
YIQ	237.3360, -1.9670, -24.9350

Conversions

Conversions Part 2

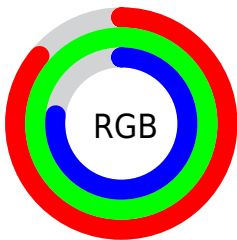
Format	Color
RYB	197, 254, 231
Decimal	14483141
CIELab	96.05, -20.87, 23.70
CIELCh	96, 31.580, 131.360
Yxy	90.1305, 0.3242, 0.3894
Android (android.graphics.Color)	4292673221 (0xFFDCFE5)
YUV	237.3360, -19.8856, -15.2037
Hunter-Lab	94.9371, -25.0595, 25.0719

Details

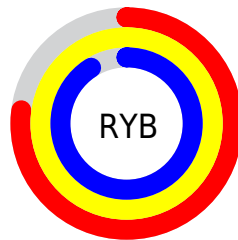
The XYZ color **75.0351, 90.1305, 66.2655** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.8143, 64.0797, 102.4071**, and the grayscale version is **80.9069, 85.1203, 92.6960**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.2340, 49.8082, 33.4800** is the 20% darker color. If you saturate the color by 10%, you get **67.9869, 86.8082, 52.0018**, and if you desaturate by 10%, it is **82.9942, 93.8711, 83.1353**.

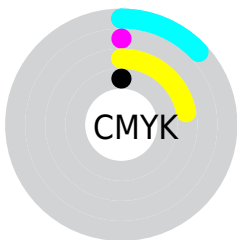
Distribution



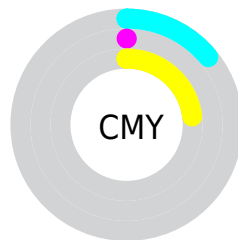
- Red (86%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0351, 90.1305, 66.2655 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 75.0351, 90.1305, 66.2655 by changing the saturation by 10% instead.

75.0351, 90.1305,
66.2655

75.0351, 90.1305,
66.2655

467.0335,
528.4553, 465.7559

55.9359, 68.0889,
48.0301

125.3497,
147.5197, 115.4979

40.3883, 49.9701,
33.4906

157.2958,
183.6360, 147.3321

28.0270, 35.3896,
22.2283

194.2550,
225.2127, 184.5362

18.4866, 23.9631,
13.8249

236.5925,
272.6341, 227.5289

11.4017, 15.3063,
7.8616

284.6738,
326.2847, 276.7287

6.4070, 9.0346,
3.9200

338.8641,

3.1371, 4.7638,

386.5488, 332.5541

1.5816

399.5289,
453.8109, 395.4237

■ 1.2267, 2.1093,
0.2776

■ 0.1273, 0.6699,
0.0000

■ 75.0351, 90.1305,
66.2655

■ 75.0351, 90.1305,
66.2655

■ 67.9869, 86.8082,
52.0018

■ 82.9942, 93.8711,
83.1353

■ 61.8070, 83.8769,
40.2085

■ 91.8904, 98.0329,
102.7262

■ 56.4596, 81.3241,
30.7465

■ 94.7336, 99.3673,
108.7945

■ 51.9033, 79.1318,
23.4604

■ 48.0926, 77.2803,
18.1761

■ 44.9761, 75.7476,
14.6926

■ 42.4938, 74.5080,
12.7668

■ 40.9779, 73.7403,
12.0735

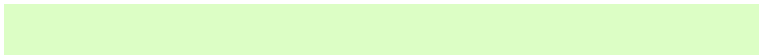
Harmonies

Analogous

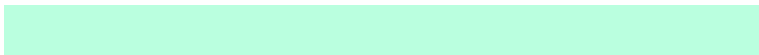
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3987, 90.1305, 58.1114



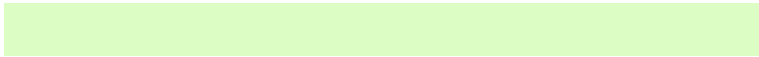
75.0351, 90.1305, 66.2655



70.7097, 90.1305, 83.5446

Triad

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



75.0351, 90.1305, 66.2655



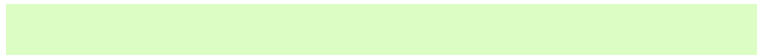
80.4069, 90.1305, 151.1665



103.2200, 90.1305, 88.9590

Complementary

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



75.0351, 90.1305, 66.2655



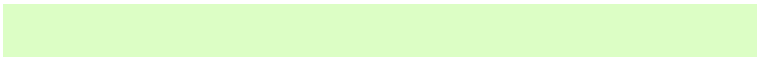
70.8143, 64.0797, 102.4071

Split Complementary

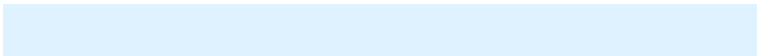
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.5960, 90.1305, 114.3363



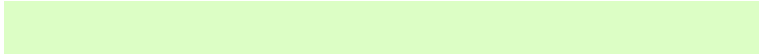
75.0351, 90.1305, 66.2655



89.0192, 90.1305, 153.2856

Square

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



75.0351, 90.1305, 66.2655



73.6625, 90.1305, 133.4969



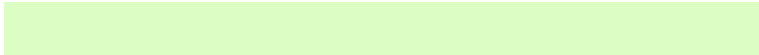
97.2571, 90.1305, 138.8719



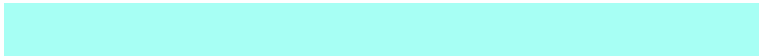
98.9082, 90.1305, 69.6469

Rectangle

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



75.0351, 90.1305, 66.2655



69.9411, 90.1305, 99.2837



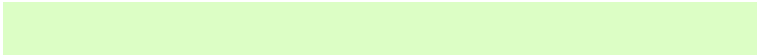
97.2571, 90.1305, 138.8719



103.5879, 90.1305, 96.9987

Sweetspot

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



75.0375, 90.1344, 66.2675



88.4984, 96.9393, 94.2825



79.3211, 81.8385, 64.4404



18.8262, 20.6947, 19.9245



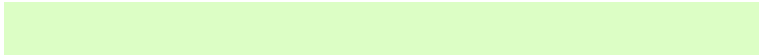
0.0000, 0.0000, 0.0000



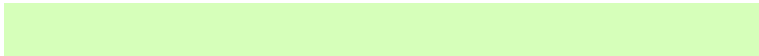
20.3446, 21.4041, 23.3091

Same Dimension

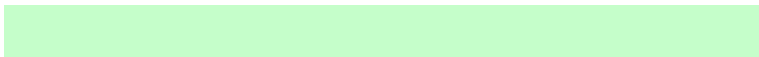
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0375, 90.1344, 66.2675



72.3496, 89.3569, 59.9724



69.1016, 87.0104, 68.8763



18.4653, 20.5258, 19.1330



21.7591, 38.9553, 6.3723



2.2382, 3.8546, 0.6260

Inverse Universe

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



70.8143, 64.0797, 102.4071



67.3890, 58.7680, 102.3993



77.9807, 67.8609, 98.8200



18.0422, 17.9135, 22.7567



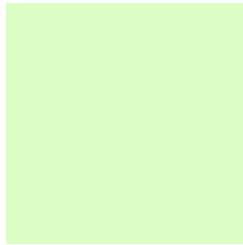
16.3823, 7.3559, 49.9910



1.7187, 0.7799, 4.8732

Previews

White Background



This preview shows how the XYZ color 75.0351, 90.1305, 66.2655 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 75.0351, 90.1305, 66.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

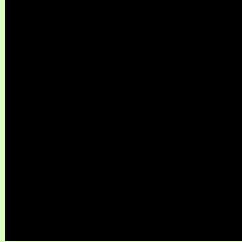
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

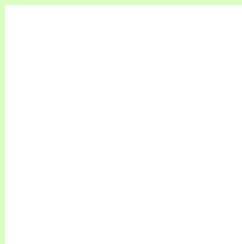
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0351, 90.1305, 66.2655

Background



This preview shows how black text looks on a background with the XYZ color 75.0351, 90.1305, 66.2655.

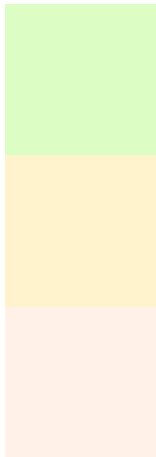


This preview shows how white text looks on a background with the XYZ color 75.0351, 90.1305,

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

75.0351, 90.1305, 66.2655

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

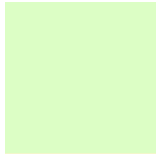
87.2608, 89.9968, 89.1159



Tritanopia

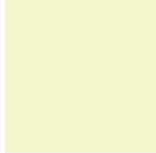
84.9928, 89.7542, 107.4524

Trichromacy



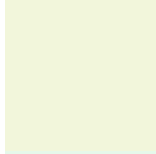
Original Color

75.0351, 90.1305, 66.2655



Protanomaly

80.6582, 89.7106, 69.5646



Deuteranomaly

82.3599, 89.9033, 80.0301



Tritanomaly

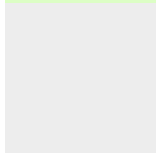
81.0518, 89.8983, 90.9221

Monochromacy



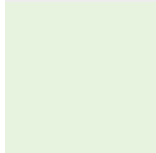
Original Color

75.0351, 90.1305, 66.2655



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1904, 86.3640, 81.6561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0351, 90.1305, 66.2655 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(220, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 254, 197)  
}
```

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(220, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 254, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.0351, 90.1305, 66.2655 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(220, 254, 197) }
```


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

```
.border{ border-color:rgb(220, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 254,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0351, 90.1305, 66.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 254, 197) }
```

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

```
.background{ background-color: rgb(220,  
254, 197) }
```

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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