

Converting Colors

XYZ(74.6903, 90.4997, 62.9714)

Have a look what the booklet for
XYZ(74.6903, 90.4997, 62.9714)
contains.

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Color

**XYZ(74.6792, 90.4972,
62.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFBF
RGB	220, 255, 191
RGB Percent	86%, 100%, 75%
CMY	0.1373, 0.0000, 0.2510
CMYK	0.14, 0.00, 0.25, 0.00
HSL	93°, 100%, 87%
HSV	93°, 25%, 100%
XYZ	74.6792, 90.4972, 62.8219
YIQ	237.2390, -0.3160, -27.3240

Conversions

Conversions Part 2

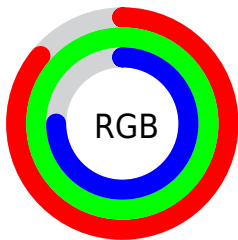
Format	Color
RYB	191, 255, 226
Decimal	14483391
CIELab	96.20, -22.25, 26.95
CIElCh	96, 34.953, 129.545
Yxy	90.4972, 0.3275, 0.3969
Android (android.graphics.Color)	4292673471 (0xFFDCFFBF)
YUV	237.2390, -22.7958, -15.1186
Hunter-Lab	95.1300, -26.3510, 27.4371

Details

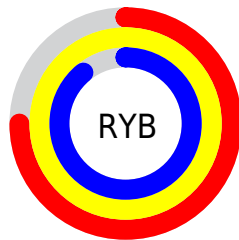
The XYZ color **74.6792, 90.4972, 62.8219** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0457, 60.6516, 102.7283**, and the grayscale version is **80.8502, 85.0607, 92.6311**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **40.0193, 50.0868, 31.2254** is the 20% darker color. If you saturate the color by 10%, you get **68.0664, 87.3847, 49.1169**, and if you desaturate by 10%, it is **82.1338, 93.9873, 79.1192**.

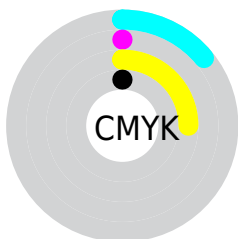
Distribution



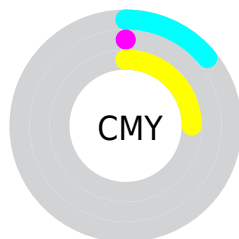
- Red (86%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6792, 90.4972, 62.8219 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 74.6792, 90.4972, 62.8219 by changing the saturation by 10% instead.


 74.6792, 90.4972,
62.8219

 74.6792, 90.4972,
62.8219


465.8284,
529.6469, 453.0130

 55.6434, 68.3931,
45.2571


 124.8485,
148.0288, 110.4956

 40.1529, 50.2176,
31.3155


156.7127,
184.2251, 141.4416

 27.8425, 35.5863,
20.5788


193.5837,
225.8877, 177.6850

 18.3469, 24.1149,
12.6282

235.8268,
273.4008, 219.6444

 11.3005, 15.4189,
7.0453

283.8075,
327.1488, 267.7384

 6.3381, 9.1139,
3.4116

337.8911,

 3.0943, 4.8155,

387.5163, 322.3855

1.3084

398.4430,
454.8875, 384.0041

■ 1.2038, 2.1394,
0.0687

■ 0.1094, 0.6867,
0.0000

■ 74.6792, 90.4972,
62.8219

■ 74.6792, 90.4972,
62.8219

■ 68.0664, 87.3847,
49.1169

■ 82.1338, 93.9873,
79.1192

■ 62.2600, 84.6344,
37.8665

■ 90.4604, 97.8676,
98.1288

■ 57.2239, 82.2309,
28.9260

95.0500, 100.0000,
108.9000

■ 52.9184, 80.1572,
22.1345

■ 49.2995, 78.3946,
17.3099

■ 46.3167, 76.9218,
14.2402

■ 43.9099, 75.7134,
12.6640

■ 42.9023, 75.2020,
12.2543

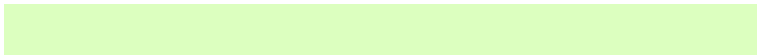
Harmonies

Analogous

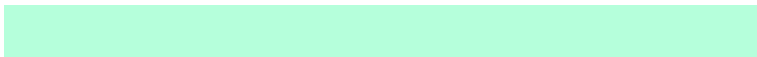
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9594, 90.4972, 54.6927



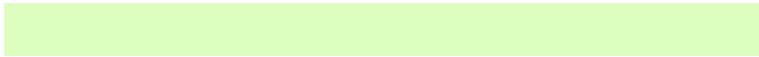
74.6792, 90.4972, 62.8219



69.6980, 90.4972, 81.0244

Triad

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



74.6792, 90.4972, 62.8219



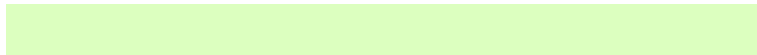
79.6607, 90.4972, 157.5280



105.7478, 90.4972, 89.9423

Complementary

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



74.6792, 90.4972, 62.8219



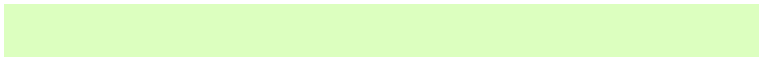
68.0457, 60.6516, 102.7283

Split Complementary

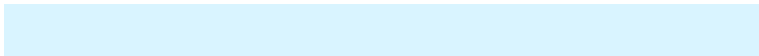
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.6981, 90.4972, 118.4049



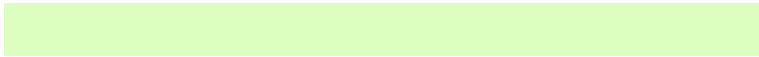
74.6792, 90.4972, 62.8219



89.1445, 90.4972, 161.1489

Square

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



74.6792, 90.4972, 62.8219



72.4205, 90.4972, 136.6031



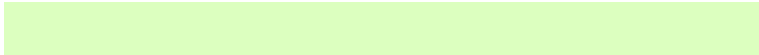
98.4433, 90.4972, 145.7268



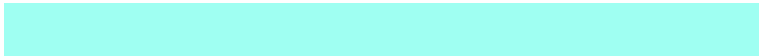
101.2122, 90.4972, 68.2926

Rectangle

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



74.6792, 90.4972, 62.8219



68.6815, 90.4972, 98.1124



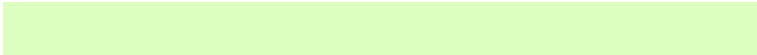
98.4433, 90.4972, 145.7268



106.0437, 90.4972, 98.9610

Sweetspot

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



74.6797, 90.4975, 62.8233



87.9517, 96.7002, 92.3241



77.6058, 78.9448, 60.4391



18.5533, 20.5712, 19.1371



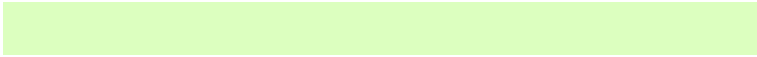
0.0000, 0.0000, 0.0000



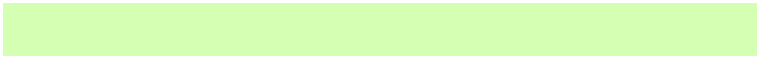
20.3446, 21.4041, 23.3091

Same Dimension

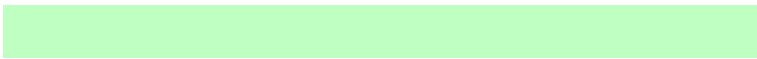
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6797, 90.4975, 62.8233



71.3343, 88.9251, 55.7877



66.8872, 86.4530, 63.6932



18.5533, 20.5712, 19.1371



22.5841, 39.3806, 6.4109



2.3228, 3.8982, 0.6300

Inverse Universe

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



68.0457, 60.6516, 102.7283



63.6871, 54.5283, 101.7761



77.5797, 65.6060, 101.3916



17.9525, 17.8673, 22.7525



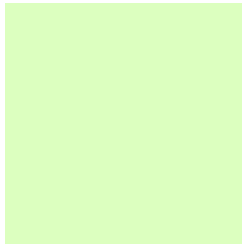
15.2092, 6.7511, 49.9361



1.6068, 0.7223, 4.8680

Previews

White Background



This preview shows how the XYZ color 74.6792, 90.4972, 62.8219 looks on a white background.

Color Contrast Check

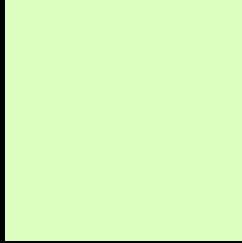
Large Text (above 18pt) WCAG AA × Fail

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 74.6792, 90.4972, 62.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

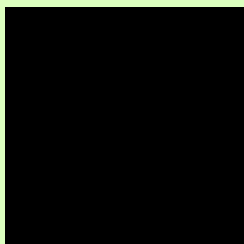
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

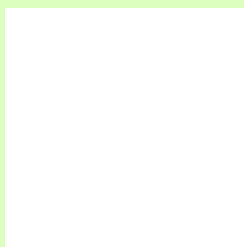
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6792, 90.4972, 62.8219

Background



This preview shows how black text looks on a background with the XYZ color 74.6792, 90.4972, 62.8219.



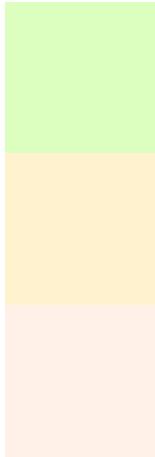
This preview shows how white text looks on a background with the XYZ color 74.6792, 90.4972,

62.8219.

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

74.6792, 90.4972, 62.8219

Protanopia

84.5531, 89.8662, 71.9210

Deuteranopia

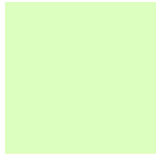
87.2608, 89.9968, 89.1159



Tritanopia

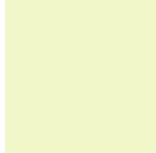
85.6275, 90.5293, 107.5686

Trichromacy



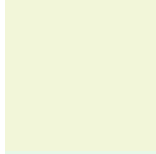
Original Color

74.6792, 90.4972, 62.8219



Protanomaly

80.4213, 89.6158, 68.3173



Deuteranomaly

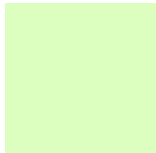
82.0981, 89.7985, 78.6515



Tritanomaly

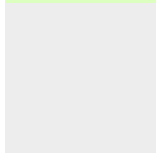
81.3962, 90.5665, 89.5350

Monochromacy



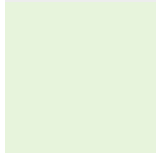
Original Color

74.6792, 90.4972, 62.8219



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2239, 86.8576, 80.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6792, 90.4972, 62.8219 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, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 191)  
}
```

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, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 74.6792, 90.4972, 62.8219 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, 255, 191) }
```


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

```
.border{ border-color:rgb(220, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6792, 90.4972, 62.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 191) }
```

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

```
.background{ background-color: rgb(220,  
255, 191) }
```

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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