

Converting Colors

XYZ(65.8892, 70.4594, 92.7260)

Have a look what the booklet for
XYZ(65.8892, 70.4594, 92.7260)
contains.

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Color

**XYZ(65.9417, 70.5607,
92.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	CADDF0
RGB	202, 221, 240
RGB Percent	79%, 87%, 94%
CMY	0.2078, 0.1333, 0.0588
CMYK	0.16, 0.08, 0.00, 0.06
HSL	210°, 56%, 87%
HSV	210°, 16%, 94%
XYZ	65.9417, 70.5607, 92.5822
YIQ	217.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

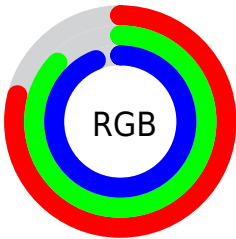
Format	Color
R _Y B	202, 215, 240
Decimal	13295088
CIE Lab	87.27, -2.50, -11.42
CIE LCh	87, 11.692, 257.648
Yxy	70.5607, 0.2878, 0.3080
Android (android.graphics.Color)	4291485168 (0xFFCADDFF)
YUV	217.4850, 11.0999, -13.5803
Hunter-Lab	84.0004, -6.8753, -6.5470

Details

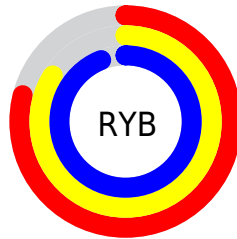
The XYZ color **65.9417, 70.5607, 92.5822** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4528, 74.5022, 66.4401**, and the grayscale version is **66.2225, 69.6712, 75.8720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5007, 37.0290, 50.6763** is the 20% darker color. If you saturate the color by 10%, you get **56.8910, 61.3607, 91.2846**, and if you desaturate by 10%, it is **76.2329, 80.7400, 94.0057**.

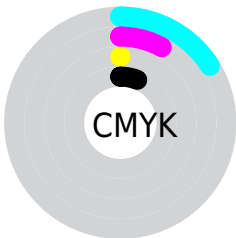
Distribution



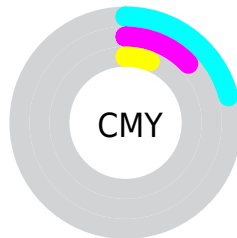
- Red (79%)
- Green (87%)
- Blue (94%)



- Red (79%)
- Yellow (84%)
- Blue (94%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9417, 70.5607, 92.5822 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 65.9417, 70.5607, 92.5822 by changing the saturation by 10% instead.

■ 65.9417, 70.5607,
92.5822

■ 65.9417, 70.5607,
92.5822

435.6603,
462.5163, 557.1807

■ 48.4926, 51.9838,
69.5386

112.4608,
120.0080, 152.8867

■ 34.4300, 36.9921,
50.6760

142.2616,
151.6472, 190.9847

■ 23.3886, 25.2014,
35.5759

176.9103,
188.4092, 234.9379

■ 15.0030, 16.2272,
23.8197

216.7723,
230.6785, 285.1648

■ 8.9078, 9.6851,
14.9890

262.2129,
278.8395, 342.0840

■ 4.7377, 5.1906,
8.6651

313.5976,

■ 2.1274, 2.3595,

333.2765, 406.1141

4.4296

371.2916,
394.3740, 477.6734

■ 0.7040, 0.8050,
1.8638

■ 0.0000, 0.0000,
0.4696

■ 65.9417, 70.5607,
92.5822

■ 65.9417, 70.5607,
92.5822

■ 56.8910, 61.3607,
91.2846

■ 76.2329, 80.7400,
94.0057

■ 49.0233, 53.0978,
90.1044

■ 87.8064, 91.9213,
95.5540

■ 42.2856, 45.7394,
89.0392

■ 92.7284, 99.0714,
96.6746

■ 36.6183, 39.2473,
88.0847

■ 31.9554, 33.5797,
87.2366

■ 28.2233, 28.6907,
86.4896

■ 25.3362, 24.5276,
85.8382

■ 23.1896, 21.0279,
85.2758

■ 22.4472, 19.7289,
85.0642

Harmonies

Analogous

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



63.5682, 70.5607, 88.5655



65.9417, 70.5607, 92.5822



68.6808, 70.5607, 92.1729

Triad

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



65.9417, 70.5607, 92.5822



72.2290, 70.5607, 72.3307



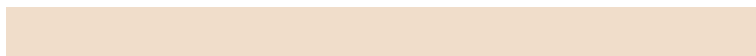
63.2356, 70.5607, 67.0767

Complementary

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



65.9417, 70.5607, 92.5822



72.4528, 74.5022, 66.4401

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.



65.4763, 70.5607, 63.2894



65.9417, 70.5607, 92.5822



70.6894, 70.5607, 66.1773

Square

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



65.9417, 70.5607, 92.5822



72.3619, 70.5607, 80.1119



68.2027, 70.5607, 62.9718



62.0347, 70.5607, 73.6363

Rectangle

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



65.9417, 70.5607, 92.5822



70.3459, 70.5607, 89.4462



68.2027, 70.5607, 62.9718



63.8893, 70.5607, 65.4572

Sweetspot

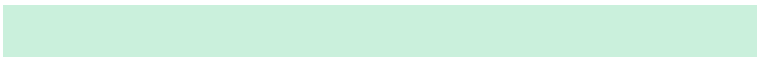
The Sweet Spot groups the original color and five complimentary colors.



65.9438, 70.5636, 92.5838



88.5140, 93.6619, 108.0211



68.4854, 80.0648, 79.8108



18.7554, 19.8619, 23.0952



0.0000, 0.0000, 0.0000



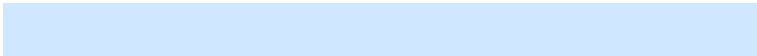
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9438, 70.5636, 92.5838



72.1706, 77.4487, 105.7530



61.3560, 61.3881, 91.0545



15.5504, 16.5348, 20.0936



12.4209, 11.0661, 46.6092



1.1328, 1.1196, 3.9106

Inverse Universe

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



70.1085, 65.9883, 77.4518



77.8365, 71.4249, 85.1215



77.5710, 84.7387, 68.1462



16.1025, 15.8907, 18.0959



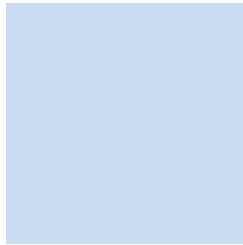
21.5951, 10.9105, 11.0504



1.8467, 0.9277, 1.1838

Previews

White Background



This preview shows how the XYZ color 65.9417, 70.5607, 92.5822 looks on a white background.

Color Contrast Check

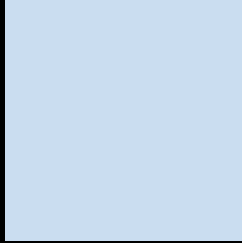
Large Text (above 18pt) WCAG AA × Fail

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 65.9417, 70.5607, 92.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

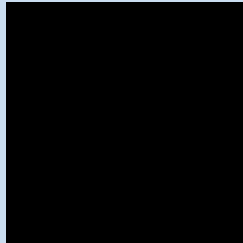
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

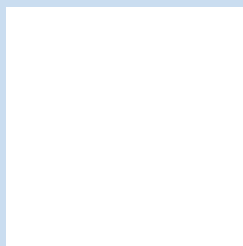
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9417, 70.5607, 92.5822

Background



This preview shows how black text looks on a background with the XYZ color 65.9417, 70.5607, 92.5822.



This preview shows how white text looks on a background with the XYZ color 65.9417, 70.5607,

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

65.9417, 70.5607, 92.5822

Protanopia

68.7142, 70.4918, 90.1054

Deuteranopia

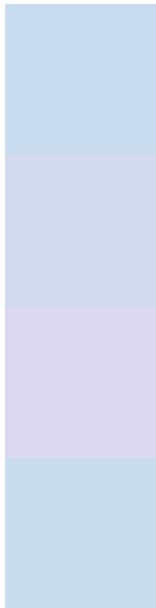
71.8836, 70.1558, 93.7571



Tritanopia

65.7936, 70.5015, 91.8018

Trichromacy



Original Color

65.9417, 70.5607, 92.5822

Protanomaly

67.6554, 70.3129, 90.8948

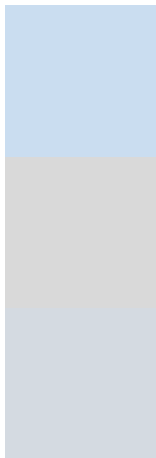
Deuteranomaly

69.3910, 70.0118, 93.0754

Tritanomaly

65.7936, 70.5015, 91.8018

Monochromacy



Original Color

65.9417, 70.5607, 92.5822

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8134, 69.5761, 81.1950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9417, 70.5607, 92.5822 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(202, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(202, 221, 240)  
}
```

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(202, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 221, 240) }
```

Border

The CSS property to change the border of an element to XYZ 65.9417, 70.5607, 92.5822 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(202, 221, 240) }
```


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

```
.border{ border-color:rgb(202, 221, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(202, 221,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9417, 70.5607, 92.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 221, 240) }
```

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

```
.background{ background-color: rgb(202,  
221, 240) }
```

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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