

Converting Colors

XYZ(63.5437, 67.5828, 90.7361)

Have a look what the booklet for
XYZ(63.5437, 67.5828, 90.7361)
contains.

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Color

**XYZ(63.2772, 67.2905,
90.5422)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C6D8EE |
| RGB | 198, 216, 238 |
| RGB Percent | 78%, 85%, 93% |
| CMY | 0.2235, 0.1529, 0.0667 |
| CMYK | 0.17, 0.09, 0.00, 0.07 |
| HSL | 213°, 54%, 85% |
| HSV | 213°, 17%, 93% |
| XYZ | 63.2772, 67.2905, 90.5422 |
| YIQ | 213.1260, -17.7900, 3.0260 |

Conversions

Conversions Part 2

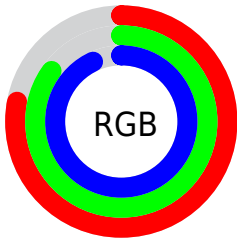
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 198, 210, 238 |
| Decimal | 13031662 |
| CIE Lab | 85.65, -1.56, -12.81 |
| CIE LCh | 86, 12.908, 263.062 |
| Yxy | 67.2905, 0.2862, 0.3043 |
| Android (android.graphics.Color) | 4291221742 (0xFFC6D8EE) |
| YUV | 213.1260, 12.2629, -13.2655 |
| Hunter-Lab | 82.0308, -5.8619, -8.0203 |

Details

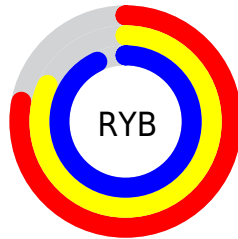
The XYZ color **63.2772, 67.2905, 90.5422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0468, 73.4408, 63.8586**, and the grayscale version is **63.2608, 66.5553, 72.4787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6900, 34.7964, 49.2494** is the 20% darker color. If you saturate the color by 10%, you get **54.2696, 57.8672, 89.1992**, and if you desaturate by 10%, it is **73.5417, 77.7617, 92.0234**.

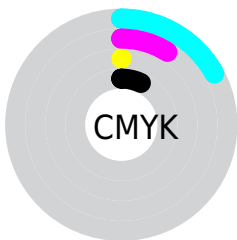
Distribution



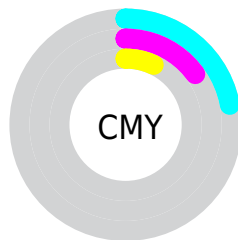
- Red (78%)
- Green (85%)
- Blue (93%)



- Red (78%)
- Yellow (82%)
- Blue (93%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2772, 67.2905, 90.5422 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 63.2772, 67.2905, 90.5422 by changing the saturation by 10% instead.

■ 63.2772, 67.2905,
90.5422

■ 63.2772, 67.2905,
90.5422

426.2185,
450.9781, 550.4086

■ 46.3250, 49.3207,
67.8542

108.6489,
115.3366, 150.0334

■ 32.7081, 34.8740,
49.3132

137.7991,
146.1817, 187.6737

■ 22.0611, 23.5658,
34.5006

171.7460,
182.0873, 231.1351

■ 14.0186, 15.0119,
22.9980

210.8549,
223.4380, 280.8362

■ 8.2154, 8.8277,
14.3867

255.4913,
270.6180, 337.1956

■ 4.2861, 4.6290,
8.2483

306.0205,

■ 1.8652, 2.0313,

324.0117, 400.6317

4.1642

362.8077,
384.0037, 471.5632

■ 0.5565, 0.6255,
1.7159

■ 0.0000, 0.0000,
0.3716

■ 63.2772, 67.2905,
90.5422

■ 63.2772, 67.2905,
90.5422

■ 54.2696, 57.8672,
89.1992

■ 73.5417, 77.7617,
92.0234

■ 46.4607, 49.4475,
87.9856

■ 85.1059, 89.3067,
93.6423

■ 39.7966, 41.9958,
86.8985

■ 92.4328, 98.9531,
95.1181

■ 34.2166, 35.4708,
85.9331

■ 29.6536, 29.8278,
85.0844

■ 26.0325, 25.0171,
84.3467

■ 23.2660, 20.9825,
83.7138

■ 21.2447, 17.6557,
83.1781

■ 20.7025, 16.7125,
83.0247

Harmonies

Analogous

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



60.6203, 67.2905, 86.9844



63.2772, 67.2905, 90.5422



66.1976, 67.2905, 89.1955

Triad

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



63.2772, 67.2905, 90.5422



69.3009, 67.2905, 67.1074



59.5450, 67.2905, 63.9633

Complementary

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



63.2772, 67.2905, 90.5422



71.0468, 73.4408, 63.8586

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.



61.7687, 67.2905, 59.3591



63.2772, 67.2905, 90.5422



67.4152, 67.2905, 61.0749

Square

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



63.2772, 67.2905, 90.5422



69.7347, 67.2905, 75.2409



64.6429, 67.2905, 58.3436



58.5087, 67.2905, 71.3297

Rectangle

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



63.2772, 67.2905, 90.5422



67.8954, 67.2905, 85.7439



64.6429, 67.2905, 58.3436



60.1750, 67.2905, 62.0649

Sweetspot

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



63.2792, 67.2933, 90.5437



88.3176, 93.2691, 107.9556



66.6947, 78.2881, 78.8454



18.7077, 19.7664, 23.0793



0.0000, 0.0000, 0.0000



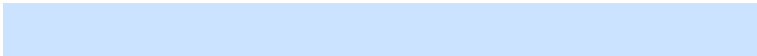
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2792, 67.2933, 90.5437



70.4081, 74.9699, 105.3675



59.2699, 58.7506, 89.1061



15.4831, 16.4002, 20.0711



11.6750, 9.5742, 46.3605



1.0692, 0.9924, 3.8894

Inverse Universe

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



67.8503, 63.5248, 73.6542



76.6915, 69.9892, 82.1063



75.5826, 83.1747, 65.4983



16.0685, 15.8771, 17.9170



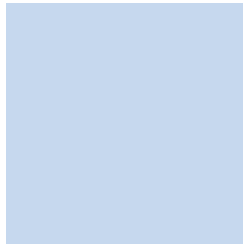
21.2186, 10.7599, 9.0677



1.8146, 0.9149, 1.0148

Previews

White Background



This preview shows how the XYZ color 63.2772, 67.2905, 90.5422 looks on a white background.

Color Contrast Check

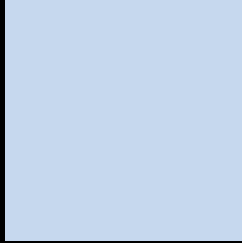
Large Text (above 18pt) WCAG AA × Fail

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 63.2772, 67.2905, 90.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

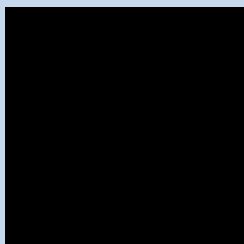
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

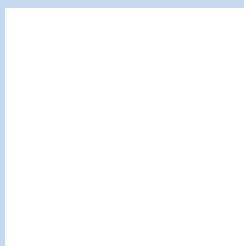
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2772, 67.2905, 90.5422

Background



This preview shows how black text looks on a background with the XYZ color 63.2772, 67.2905, 90.5422.



This preview shows how white text looks on a background with the XYZ color 63.2772, 67.2905,

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

63.2772, 67.2905, 90.5422

Protanopia

65.5478, 66.9920, 88.8329

Deuteranopia

68.7155, 67.0910, 91.7662



Tritanopia

62.6901, 67.4365, 87.5543

Trichromacy



Original Color

63.2772, 67.2905, 90.5422

Protanomaly

64.5339, 66.8247, 89.6179

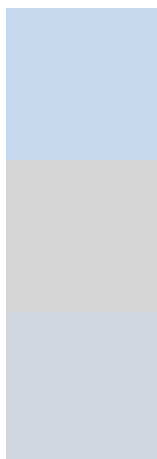
Deuteranomaly

66.6058, 67.1167, 91.1057

Tritanomaly

62.8342, 67.4942, 88.3132

Monochromacy



Original Color

63.2772, 67.2905, 90.5422

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2438, 66.7770, 78.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2772, 67.2905, 90.5422 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(198, 216, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 238)  
}
```

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(198, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 238) }
```

Border

The CSS property to change the border of an element to XYZ 63.2772, 67.2905, 90.5422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

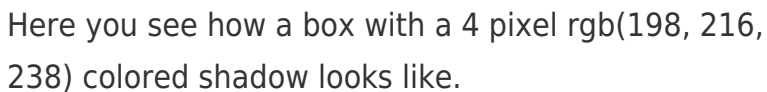
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 216, 238) }
```


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

```
.border{ border-color:rgb(198, 216, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 216, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 216, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 216, 238); box-shadow:4px 4px 4px 4px rgb(198, 216, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2772, 67.2905, 90.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 238) }
```

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

```
.background{ background-color: rgb(198,  
216, 238) }
```

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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