

Converting Colors

XYZ(63.0908, 66.6512, 80.7739)

Have a look what the booklet for
XYZ(63.0908, 66.6512, 80.7739)
contains.

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Color

**XYZ(63.0908, 66.6512,
80.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	CED6E1
RGB	206, 214, 225
RGB Percent	81%, 84%, 88%
CMY	0.1921, 0.1608, 0.1176
CMYK	0.08, 0.05, 0.00, 0.12
HSL	215°, 24%, 85%
HSV	215°, 8%, 88%
XYZ	63.0908, 66.6512, 80.7739
YIQ	212.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

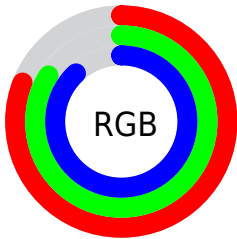
Format	Color
R _Y B	206, 212, 225
Decimal	13555425
CIE Lab	85.33, -0.60, -6.35
CIE LCh	85, 6.376, 264.633
Yxy	66.6512, 0.2997, 0.3166
Android (android.graphics.Color)	4291745505 (0xFFCED6E1)
YUV	212.8620, 5.9840, -6.0180
Hunter-Lab	81.6402, -4.9271, -1.5127

Details

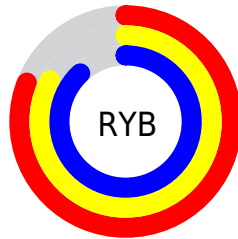
The XYZ color **63.0908, 66.6512, 80.7739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0051, 70.0891, 68.3907**, and the grayscale version is **63.1205, 66.4077, 72.3180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6027, 34.3740, 42.9467** is the 20% darker color. If you saturate the color by 10%, you get **54.1213, 57.3302, 79.4485**, and if you desaturate by 10%, it is **73.2219, 76.9658, 82.2319**.

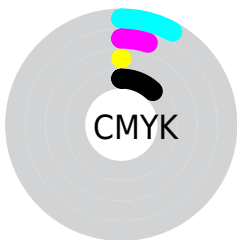
Distribution



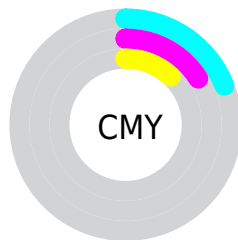
- Red (81%)
- Green (84%)
- Blue (88%)



- Red (81%)
- Yellow (83%)
- Blue (88%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0908, 66.6512, 80.7739 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 63.0908, 66.6512, 80.7739 by changing the saturation by 10% instead.

■ 63.0908, 66.6512,
80.7739

■ 63.0908, 66.6512,
80.7739

425.5534,
448.7022, 517.3125

■ 46.1736, 48.8012,
59.8255

108.3816,
114.4205, 136.2745

■ 32.5880, 34.4618,
42.8536

137.4859,
145.1086, 171.6637

■ 21.9688, 23.2486,
29.4397

171.3832,
180.8448, 212.7036

■ 13.9504, 14.7772,
19.1653

210.4390,
222.0136, 259.8128

■ 8.1677, 8.6632,
11.6117

255.0185,
268.9993, 313.4097

■ 4.2551, 4.5221,
6.3606

305.4872,

■ 1.8475, 1.9697,

322.1864, 373.9129

2.9932

362.2104,
381.9592, 441.7410

■ 0.5460, 0.5898,
1.0912

■ 0.0000, 0.0000,
0.0000

■ 63.0908, 66.6512,
80.7739

■ 63.0908, 66.6512,
80.7739

■ 54.1213, 57.3302,
79.4485

■ 73.2219, 76.9658,
82.2319

■ 46.2636, 48.9627,
78.2476

■ 84.5501, 88.2957,
83.8217

■ 39.4729, 41.5178,
77.1685

■ 89.9791, 96.9929,
85.2143

■ 33.6987, 34.9598,
76.2070

■ 90.5908, 98.2163,
85.4182

■ 28.8862, 29.2503,
75.3586

■ 24.9751, 24.3473,
74.6184

■ 21.8974, 20.2047,
73.9810

■ 19.5737, 16.7697,
73.4404

■ 17.8909, 13.9715,
72.9890

Harmonies

Analogous

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



61.7576, 66.6512, 79.2462



63.0908, 66.6512, 80.7739



64.5134, 66.6512, 80.0370

Triad

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



63.0908, 66.6512, 80.7739



65.9056, 66.6512, 69.3101



61.1143, 66.6512, 68.0691

Complementary

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



63.0908, 66.6512, 80.7739



67.0051, 70.0891, 68.3907

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.



62.2006, 66.6512, 65.5859



63.0908, 66.6512, 80.7739



64.9695, 66.6512, 66.2831

Square

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



63.0908, 66.6512, 80.7739



66.1526, 66.6512, 73.3176



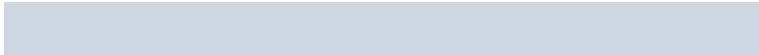
63.6098, 66.6512, 64.9447



60.6276, 66.6512, 71.8311

Rectangle

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



63.0908, 66.6512, 80.7739



65.3193, 66.6512, 78.3745



63.6098, 66.6512, 64.9447



61.4206, 66.6512, 67.0629

Sweetspot

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



63.0927, 66.6540, 80.7754



90.8950, 95.7853, 108.3055



64.8740, 71.9710, 75.9603



19.2228, 20.2653, 23.1484



0.0000, 0.0000, 0.0000



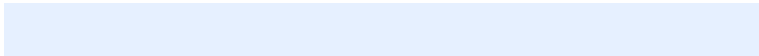
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0927, 66.6540, 80.7754



81.7540, 86.4226, 106.9801



61.4698, 62.8840, 80.1332



13.4242, 14.1874, 17.4186



10.2879, 8.0453, 42.0590



0.8003, 0.7320, 2.9443

Inverse Universe

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



65.2618, 65.0066, 72.7295



85.1619, 83.8813, 94.3281



68.7248, 74.1125, 69.0767



13.9456, 13.7959, 15.4835



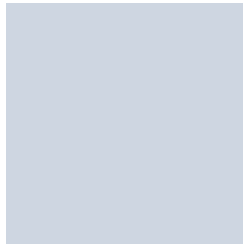
19.1330, 9.7202, 7.3664



1.3702, 0.6913, 0.7423

Previews

White Background



This preview shows how the XYZ color 63.0908, 66.6512, 80.7739 looks on a white background.

Color Contrast Check

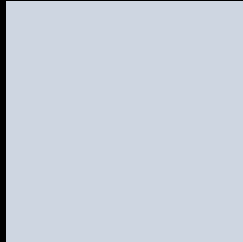
Large Text (above 18pt) WCAG AA × Fail

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 63.0908, 66.6512, 80.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

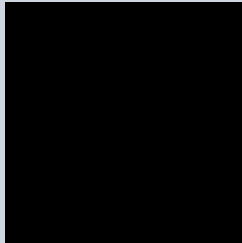
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

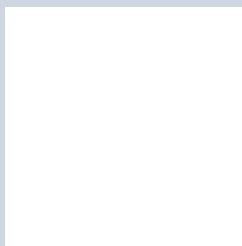
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0908, 66.6512, 80.7739

Background



This preview shows how black text looks on a background with the XYZ color 63.0908, 66.6512, 80.7739.

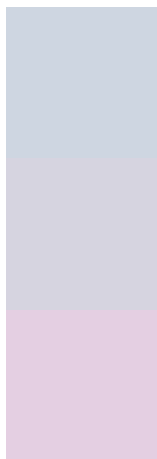


This preview shows how white text looks on a background with the XYZ color 63.0908, 66.6512,

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

63.0908, 66.6512, 80.7739

Protanopia

64.7296, 66.7649, 79.9963

Deuteranopia

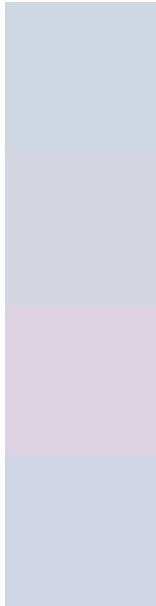
68.0352, 66.6106, 81.2228



Tritanopia

63.8093, 66.5671, 84.3485

Trichromacy



Original Color

63.0908, 66.6512, 80.7739

Protanomaly

64.1128, 66.8192, 80.0393

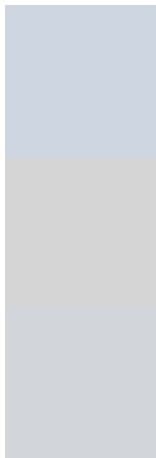
Deuteranomaly

66.2893, 66.7998, 81.3513

Tritanomaly

63.5300, 66.4553, 82.8776

Monochromacy



Original Color

63.0908, 66.6512, 80.7739

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8970, 66.2999, 75.1278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0908, 66.6512, 80.7739 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(206, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(206, 214, 225)  
}
```

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(206, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.0908, 66.6512, 80.7739 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(206, 214, 225) }
```


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

```
.border{ border-color:rgb(206, 214, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0908, 66.6512, 80.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 225) }
```

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

```
.background{ background-color: rgb(206,  
214, 225) }
```

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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