

Converting Colors

XYZ(62.8845, 66.0844, 80.3484)

Have a look what the booklet for
XYZ(62.8845, 66.0844, 80.3484)
contains.

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Color

**XYZ(63.1170, 66.2901,
80.7028)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD5E1
RGB	207, 213, 225
RGB Percent	81%, 84%, 88%
CMY	0.1882, 0.1647, 0.1176
CMYK	0.08, 0.05, 0.00, 0.12
HSL	220°, 23%, 85%
HSV	220°, 8%, 88%
XYZ	63.1170, 66.2901, 80.7028
YIQ	212.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

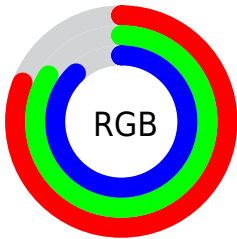
Format	Color
R _Y B	207, 212, 225
Decimal	13620705
CIE Lab	85.14, 0.25, -6.61
CIE LCh	85, 6.616, 272.201
Yxy	66.2901, 0.3004, 0.3155
Android (android.graphics.Color)	4291810785 (0xFFCFD5E1)
YUV	212.5740, 6.1260, -4.8884
Hunter-Lab	81.4187, -4.1070, -1.7755

Details

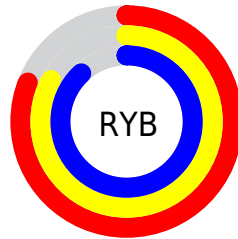
The XYZ color **63.1170, 66.2901, 80.7028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6457, 71.1752, 69.2056**, and the grayscale version is **62.9270, 66.2041, 72.0963**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6194, 34.1283, 42.8984** is the 20% darker color. If you saturate the color by 10%, you get **53.6744, 56.0807, 79.2309**, and if you desaturate by 10%, it is **73.8081, 77.6645, 82.3358**.

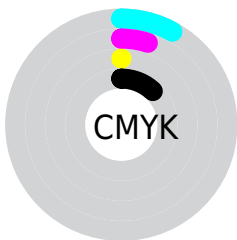
Distribution



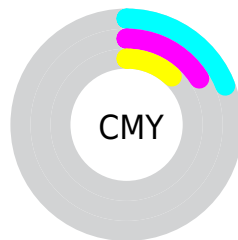
- Red (81%)
- Green (84%)
- Blue (88%)



- 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 63.1170, 66.2901, 80.7028 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 63.1170, 66.2901, 80.7028 by changing the saturation by 10% instead.

■ 63.1170, 66.2901,
80.7028

■ 63.1170, 66.2901,
80.7028

425.6469,
447.4137, 517.0673

■ 46.1949, 48.5079,
59.7673

108.4192,
113.9026, 136.1737

■ 32.6049, 34.2293,
42.8070

137.5299,
144.5017, 171.5462

■ 21.9817, 23.0698,
29.4035

171.4342,
180.1420, 212.5680

■ 13.9600, 14.6451,
19.1380

210.4974,
221.2077, 259.6578

■ 8.1744, 8.5707,
11.5922

255.0850,
268.0834, 313.2341

■ 4.2595, 4.4622,
6.3475

305.5622,

■ 1.8499, 1.9353,

321.1533, 373.7154

2.9853

362.2944,
380.8019, 441.5203

■ 0.5475, 0.5695,
1.0872

■ 0.0000, 0.0000,
0.0000

■ 63.1170, 66.2901,
80.7028

■ 63.1170, 66.2901,
80.7028

■ 53.6744, 56.0807,
79.2309

■ 73.8081, 77.6645,
82.3358

■ 45.4274, 46.9898,
77.9108

■ 85.7864, 90.2319,
84.1303

■ 38.3277, 38.9796,
76.7389

■ 90.5908, 98.2163,
85.4182

■ 32.3215, 32.0071,
75.7096

■ 27.3502, 26.0261,
74.8172

■ 23.3496, 20.9865,
74.0553

■ 20.2474, 16.8332,
73.4172

■ 17.9601, 13.5039,
72.8951

■ 16.3742, 10.9194,
72.4798

Harmonies

Analogous

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



61.6784, 66.2901, 79.6922



63.1170, 66.2901, 80.7028



64.5477, 66.2901, 79.3556

Triad

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



63.1170, 66.2901, 80.7028



65.4653, 66.2901, 67.8888



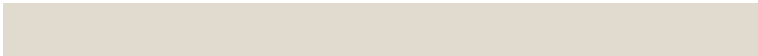
60.5032, 66.2901, 68.4148

Complementary

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



63.1170, 66.2901, 80.7028



67.6457, 71.1752, 69.2056

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.



61.4905, 66.2901, 65.4480



63.1170, 66.2901, 80.7028



64.3540, 66.2901, 65.1528

Square

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



63.1170, 66.2901, 80.7028



65.9168, 66.2901, 71.8635



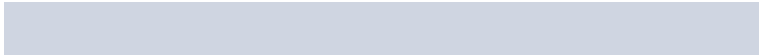
62.8966, 66.2901, 64.2769



60.1836, 66.2901, 72.4947

Rectangle

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



63.1170, 66.2901, 80.7028



65.3006, 66.2901, 77.3315



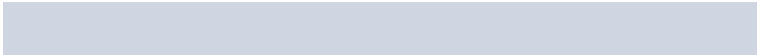
62.8966, 66.2901, 64.2769



60.7672, 66.2901, 67.2599

Sweetspot

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



63.1189, 66.2929, 80.7043



92.1237, 96.8959, 108.4551



65.4052, 72.2157, 77.3039



19.7489, 20.7723, 23.2185



0.0000, 0.0000, 0.0000



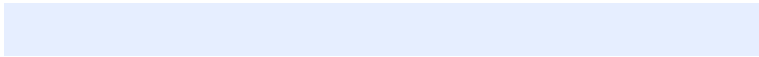
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1189, 66.2929, 80.7043



81.0986, 85.1119, 106.7616



62.3977, 63.7209, 80.2458



13.3237, 13.9864, 17.3851



9.3790, 6.2276, 41.7561



0.7305, 0.5924, 2.9211

Inverse Universe

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



65.3759, 65.4387, 72.1392



84.8311, 83.7490, 92.5862



68.4050, 73.9335, 69.6980



13.8948, 13.7756, 15.2164



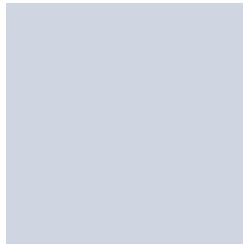
18.6743, 9.5367, 4.9507



1.3350, 0.6773, 0.5568

Previews

White Background



This preview shows how the XYZ color 63.1170, 66.2901, 80.7028 looks on a white background.

Color Contrast Check

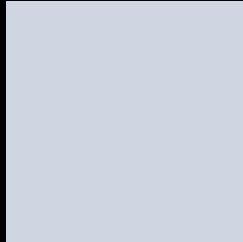
Large Text (above 18pt) WCAG AA × Fail

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 63.1170, 66.2901, 80.7028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

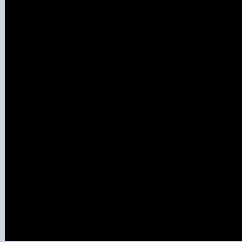
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

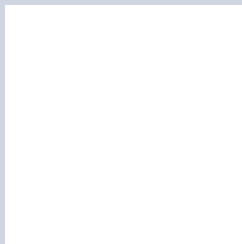
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1170, 66.2901, 80.7028

Background



This preview shows how black text looks on a background with the XYZ color 63.1170, 66.2901, 80.7028.

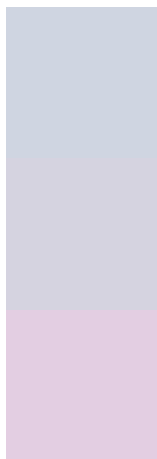


This preview shows how white text looks on a background with the XYZ color 63.1170, 66.2901,

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

63.1170, 66.2901, 80.7028

Protanopia

64.1894, 66.1165, 79.8996

Deuteranopia

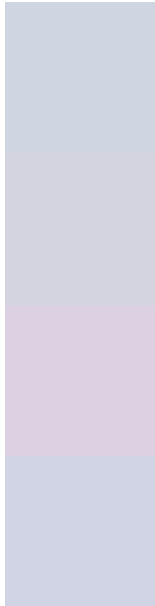
67.4773, 65.9645, 81.1275



Tritanopia

63.6988, 66.1540, 83.5405

Trichromacy



Original Color

63.1170, 66.2901, 80.7028

Protanomaly

63.8620, 66.3177, 79.9557

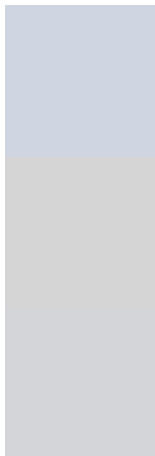
Deuteranomaly

66.0431, 66.3076, 81.2693

Tritanomaly

63.5595, 66.0983, 82.8071

Monochromacy



Original Color

63.1170, 66.2901, 80.7028

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1826, 66.4471, 75.1411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1170, 66.2901, 80.7028 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(207, 213, 225) looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 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(207, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.1170, 66.2901, 80.7028 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(207, 213, 225) }
```


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

```
.border{ border-color:rgb(207, 213, 225) }
```

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

Here you see how a box with a 4 pixel rgb(207, 213, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1170, 66.2901, 80.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 225) }
```

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

```
.background{ background-color: rgb(207,  
213, 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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