

Converting Colors

XYZ(57.6401, 63.1879, 74.1613)

Have a look what the booklet for
XYZ(57.6401, 63.1879, 74.1613)
contains.

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Color

**XYZ(57.6764, 63.2513,
74.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D4D8
RGB	192, 212, 216
RGB Percent	75%, 83%, 85%
CMY	0.2471, 0.1686, 0.1529
CMYK	0.11, 0.02, 0.00, 0.15
HSL	190°, 24%, 80%
HSV	190°, 11%, 85%
XYZ	57.6764, 63.2513, 74.1346
YIQ	206.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

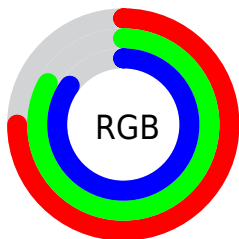
Format	Color
R_{YB}	192, 203, 216
Decimal	12637400
CIE Lab	83.57, -5.89, -4.27
CIE LCh	84, 7.275, 215.916
Yxy	63.2513, 0.2957, 0.3243
Android (android.graphics.Color)	4290827480 (0xFFC0D4D8)
YUV	206.4760, 4.6953, -12.6955
Hunter-Lab	79.5307, -9.7288, 0.4043

Details

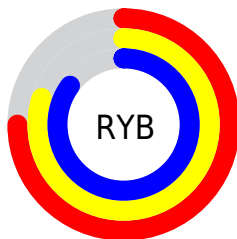
The XYZ color **57.6764, 63.2513, 74.1346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5736, 57.8843, 58.0087**, and the grayscale version is **58.9497, 62.0196, 67.5394**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.9712, 32.0904, 38.3853** is the 20% darker color. If you saturate the color by 10%, you get **51.7148, 58.8595, 73.6021**, and if you desaturate by 10%, it is **64.4644, 68.1023, 74.7142**.

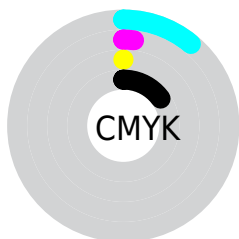
Distribution



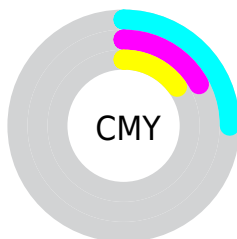
- Red (75%)
- Green (83%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6764, 63.2513, 74.1346 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 57.6764, 63.2513, 74.1346 by changing the saturation by 10% instead.

■ 57.6764, 63.2513,
74.1346

■ 57.6764, 63.2513,
74.1346

405.9524,
436.4809, 494.1136

■ 41.7908, 46.0445,
54.4068

■ 100.5771,
109.5320, 126.8224

■ 29.1279, 32.2810,
38.5316

128.3230,
139.3747, 160.6194

■ 19.3224, 21.5762,
26.0905

160.7530,
174.1982, 199.9433

■ 12.0088, 13.5458,
16.6650

198.2325,
214.3868, 245.2125

■ 6.8219, 7.8055,
9.8365

241.1268,
260.3250, 296.8456

■ 3.3963, 3.9707,
5.1865

289.8013,

■ 1.3666, 1.6572,

312.3972, 355.2611

2.2964

344.6214,
370.9877, 420.8776

■ 0.2323, 0.3957,
0.7292

■ 0.0000, 0.0000,
0.0000

■ 57.6764, 63.2513,
74.1346

■ 57.6764, 63.2513,
74.1346

■ 51.7148, 58.8595,
73.6021

■ 64.4644, 68.1023,
74.7142

■ 46.5391, 54.9007,
73.1108

■ 72.1061, 73.4216,
75.3381

■ 42.1136, 51.3580,
72.6602

■ 79.9682, 78.8846,
75.9782

■ 38.3978, 48.2104,
72.2485

■ 80.9384, 80.8250,
76.3016

■ 35.3470, 45.4345,
71.8735

■ 81.9292, 82.8065,
76.6319

■ 32.9115, 43.0047,
71.5329

■ 82.9406, 84.8294,
76.9690

■ 31.0343, 40.8912,
71.2238

■ 83.9728, 86.8938,
77.3131

■ 29.6476, 39.0589,
70.9433

■ 85.0259, 89.0000,
77.6641

■ 28.7219, 37.6121,
70.7128

■ 86.1000, 91.1482,
78.0222

Harmonies

Analogous

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



57.1286, 63.2513, 69.7763



57.6764, 63.2513, 74.1346



58.8795, 63.2513, 77.1764

Triad

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



57.6764, 63.2513, 74.1346



62.9529, 63.2513, 72.5049



59.8039, 63.2513, 60.5231

Complementary

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



57.6764, 63.2513, 74.1346



57.5736, 57.8843, 58.0087

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.



61.3746, 63.2513, 61.1819



57.6764, 63.2513, 74.1346



63.2109, 63.2513, 67.9714

Square

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



57.6764, 63.2513, 74.1346



61.9297, 63.2513, 76.2068



62.6285, 63.2513, 63.8606



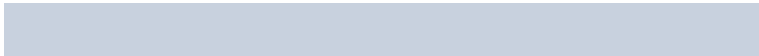
58.3429, 63.2513, 62.0197

Rectangle

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



57.6764, 63.2513, 74.1346



59.9010, 63.2513, 77.9774



62.6285, 63.2513, 63.8606



60.3364, 63.2513, 60.5007

Sweetspot

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



57.6782, 63.2539, 74.1360



91.8862, 97.7677, 108.6359



56.2135, 64.2866, 61.4331



19.4906, 20.8009, 23.2377



0.0000, 0.0000, 0.0000



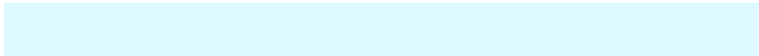
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6782, 63.2539, 74.1360



82.1523, 90.7739, 107.7990



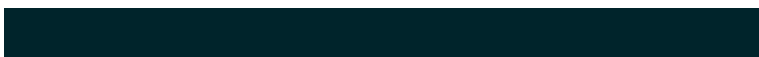
54.8811, 57.6596, 73.2036



12.6080, 13.7394, 15.9250



17.0685, 22.3989, 41.8770



1.0773, 1.4467, 2.5418

Inverse Universe

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



59.0537, 57.0530, 70.1903



84.4952, 80.2924, 101.0595



60.2929, 63.3228, 58.9151



12.8601, 12.5955, 15.2034



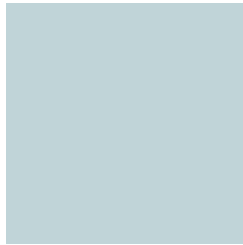
21.6743, 10.6060, 26.6525



1.3314, 0.6494, 1.7347

Previews

White Background



This preview shows how the XYZ color 57.6764, 63.2513, 74.1346 looks on a white background.

Color Contrast Check

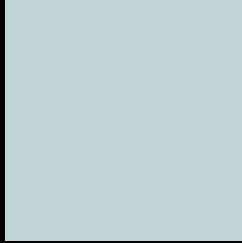
Large Text (above 18pt) WCAG AA × Fail

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 57.6764, 63.2513, 74.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

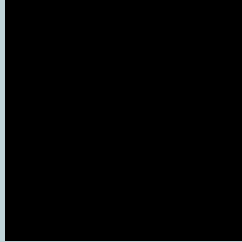
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

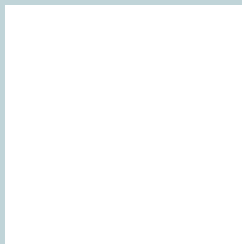
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6764, 63.2513, 74.1346

Background



This preview shows how black text looks on a background with the XYZ color 57.6764, 63.2513, 74.1346.



This preview shows how white text looks on a background with the XYZ color 57.6764, 63.2513,

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

57.6764, 63.2513, 74.1346

Protanopia

60.9014, 63.1314, 71.9265

Deuteranopia

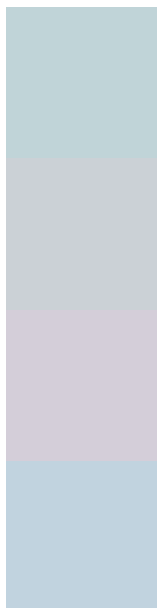
64.5159, 63.1503, 75.1185



Tritanopia

59.1599, 63.1086, 81.7362

Trichromacy



Original Color

57.6764, 63.2513, 74.1346

Protanomaly

59.5667, 63.1525, 72.6685

Deuteranomaly

61.7471, 63.1494, 74.5803

Tritanomaly

58.6059, 63.2537, 78.9324

Monochromacy



Original Color

57.6764, 63.2513, 74.1346

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2761, 62.1824, 69.9037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6764, 63.2513, 74.1346 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(192, 212, 216) looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 216)  
}
```

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(192, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.6764, 63.2513, 74.1346 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(192, 212, 216) }
```


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

```
.border{ border-color:rgb(192, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6764, 63.2513, 74.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 216) }
```

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

```
.background{ background-color: rgb(192,  
212, 216) }
```

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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