

Converting Colors

XYZ(57.6333, 63.2908, 74.6540)

Have a look what the booklet for
XYZ(57.6333, 63.2908, 74.6540)
contains.

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Color

**XYZ(57.5537, 63.1731,
74.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD4D9
RGB	191, 212, 217
RGB Percent	75%, 83%, 85%
CMY	0.2510, 0.1686, 0.1490
CMYK	0.12, 0.02, 0.00, 0.15
HSL	192°, 25%, 80%
HSV	192°, 12%, 85%
XYZ	57.5537, 63.1731, 74.8059
YIQ	206.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

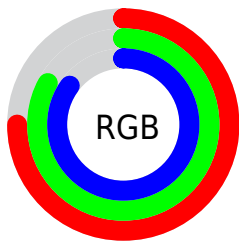
Format	Color
R_{YB}	191, 203, 217
Decimal	12571865
CIE _{Lab}	83.53, -6.02, -4.87
CIE _{LCh}	84, 7.738, 218.981
Yxy	63.1731, 0.2943, 0.3231
Android (android.graphics.Color)	4290761945 (0xFFBFD4D9)
YUV	206.2910, 5.2795, -13.4102
Hunter-Lab	79.4815, -9.8382, -0.1651

Details

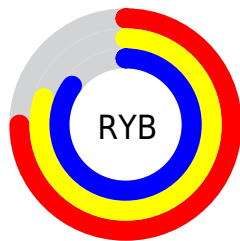
The XYZ color **57.5537, 63.1731, 74.8059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7595, 57.9928, 57.4407**, and the grayscale version is **58.8278, 61.8914, 67.3998**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **28.8951, 32.0409, 38.8440** is the 20% darker color. If you saturate the color by 10%, you get **51.4670, 58.5092, 74.2275**, and if you desaturate by 10%, it is **64.4795, 68.3130, 75.4340**.

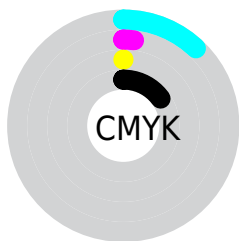
Distribution



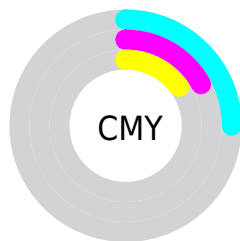
- Red (75%)
- Green (83%)
- Blue (85%)



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



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5537, 63.1731, 74.8059 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 57.5537, 63.1731, 74.8059 by changing the saturation by 10% instead.

■ 57.5537, 63.1731,
74.8059

■ 57.5537, 63.1731,
74.8059

405.5016,
436.1974, 496.4878

■ 41.6918, 45.9813,
54.9531

■ 100.3994,
109.4192, 127.7821

■ 29.0501, 32.2310,
38.9658

128.1139,
139.2423, 161.7427

■ 19.2632, 21.5380,
26.4255

160.5099,
174.0445, 201.2429

■ 11.9658, 13.5178,
16.9136

197.9530,
214.2103, 246.7013

■ 6.7924, 7.7861,
10.0116

240.8083,
260.1241, 298.5364

■ 3.3778, 3.9584,
5.3010

289.4413,

■ 1.3565, 1.6503,

312.1703, 357.1669

2.3631

344.2172,
370.7333, 423.0111

■ 0.2249, 0.3912,
0.7662

■ 0.0000, 0.0000,
0.0000

■ 57.5537, 63.1731,
74.8059

■ 57.5537, 63.1731,
74.8059

■ 51.4670, 58.5092,
74.2275

■ 64.4795, 68.3130,
75.4340

■ 46.1784, 54.2947,
73.6927

■ 72.2724, 73.9384,
76.1090

■ 41.6513, 50.5122,
73.2012

■ 80.5592, 79.8590,
76.8151

■ 37.8444, 47.1400,
72.7510

■ 81.6973, 82.1352,
77.1944

■ 34.7120, 44.1543,
72.3398

■ 82.8631, 84.4668,
77.5830

■ 32.2033, 41.5286,
71.9652

■ 84.0568, 86.8542,
77.9809

■ 30.2597, 39.2323,
71.6244

■ 85.2785, 89.2977,
78.3882

■ 28.8112, 37.2291,
71.3141

■ 86.5286, 91.7979,
78.8049

■ 27.9124, 35.7854,
71.0828

■ 87.8071, 94.3549,
79.2311

Harmonies

Analogous

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



56.8917, 63.1731, 70.2476



57.5537, 63.1731, 74.8059



58.8863, 63.1731, 77.8415

Triad

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



57.5537, 63.1731, 74.8059



63.1284, 63.1731, 72.1766



59.5384, 63.1731, 59.9970

Complementary

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



57.5537, 63.1731, 74.8059



57.7595, 57.9928, 57.4407

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.



61.2171, 63.1731, 60.4593



57.5537, 63.1731, 74.8059



63.3109, 63.1731, 67.3424

Square

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



57.5537, 63.1731, 74.8059



62.1113, 63.1731, 76.2747



62.6054, 63.1731, 63.0957



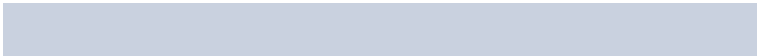
58.0234, 63.1731, 61.8020

Rectangle

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



57.5537, 63.1731, 74.8059



59.9864, 63.1731, 78.5142



62.6054, 63.1731, 63.0957



60.1019, 63.1731, 59.8943

Sweetspot

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



57.5555, 63.1757, 74.8073



90.7743, 96.8721, 108.5216



56.2370, 64.6781, 61.6065



19.2622, 20.6115, 23.2131



0.0000, 0.0000, 0.0000



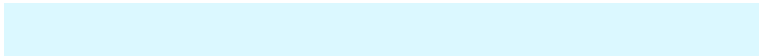
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5555, 63.1757, 74.8073



80.9639, 89.5469, 107.6248



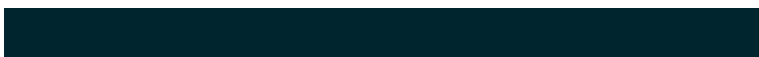
54.4884, 57.0415, 73.7849



13.2211, 14.3820, 16.7313



16.9706, 21.8107, 43.0538



1.1552, 1.5245, 2.8078

Inverse Universe

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



59.1312, 56.7680, 70.1312



83.6147, 78.8657, 99.7356



60.7635, 64.0009, 58.4420



13.5015, 13.2297, 15.9021



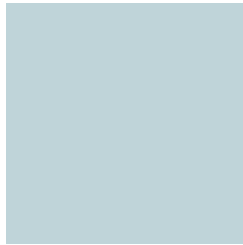
22.0613, 10.8256, 25.7667



1.4574, 0.7126, 1.8175

Previews

White Background



This preview shows how the XYZ color 57.5537, 63.1731, 74.8059 looks on a white background.

Color Contrast Check

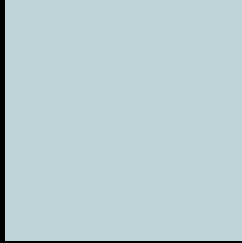
Large Text (above 18pt) WCAG AA × Fail

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 57.5537, 63.1731, 74.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

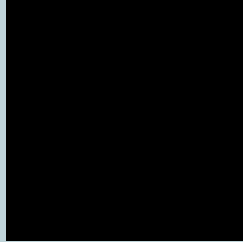
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5537, 63.1731, 74.8059

Background



This preview shows how black text looks on a background with the XYZ color 57.5537, 63.1731, 74.8059.



This preview shows how white text looks on a background with the XYZ color 57.5537, 63.1731,

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

57.5537, 63.1731, 74.8059

Protanopia

61.0288, 63.1823, 72.5972

Deuteranopia

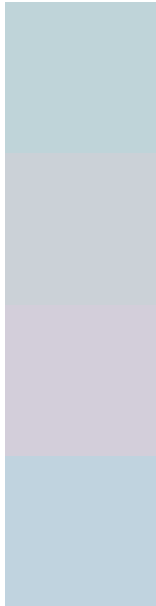
64.3381, 63.0435, 75.7955



Tritanopia

58.9040, 62.9767, 81.7242

Trichromacy



Original Color

57.5537, 63.1731, 74.8059

Protanomaly

59.6948, 63.2037, 73.3433

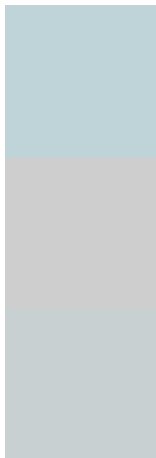
Deuteranomaly

61.5902, 63.0535, 75.2540

Tritanomaly

58.3518, 63.1227, 78.9205

Monochromacy



Original Color

57.5537, 63.1731, 74.8059

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 57.5537, 63.1731, 74.8059 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(191, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 217)  
}
```

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(191, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.5537, 63.1731, 74.8059 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(191, 212, 217) }
```


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

```
.border{ border-color:rgb(191, 212, 217) }
```

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

Here you see how a box with a 4 pixel rgb(191, 212, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5537, 63.1731, 74.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 212, 217) }
```

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

```
.background{ background-color: rgb(191,  
212, 217) }
```

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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