

Converting Colors

XYZ(57.3089, 62.6333, 74.5088)

Have a look what the booklet for
XYZ(57.3089, 62.6333, 74.5088)
contains.

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Color

**XYZ(57.3045, 62.6747,
74.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD3D9
RGB	191, 211, 217
RGB Percent	75%, 83%, 85%
CMY	0.2510, 0.1725, 0.1490
CMYK	0.12, 0.03, 0.00, 0.15
HSL	194°, 25%, 80%
HSV	194°, 12%, 85%
XYZ	57.3045, 62.6747, 74.7228
YIQ	205.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

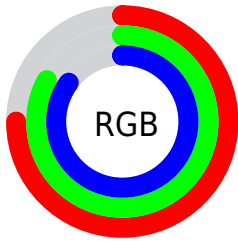
Format	Color
RYB	191, 202, 217
Decimal	12571609
CIELab	83.27, -5.50, -5.26
CIELCh	83, 7.604, 223.718
Yxy	62.6747, 0.2943, 0.3219
Android (android.graphics.Color)	4290761689 (0xFFBFD3D9)
YUV	205.7040, 5.5689, -12.8954
Hunter-Lab	79.1674, -9.3374, -0.5442

Details

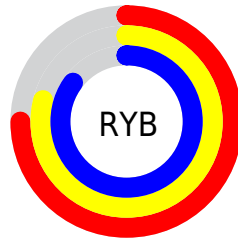
The XYZ color **57.3045, 62.6747, 74.7228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9858, 58.4454, 57.5161**, and the grayscale version is **58.4504, 61.4943, 66.9673**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.8951, 32.0409, 38.8440** is the 20% darker color. If you saturate the color by 10%, you get **51.0228, 57.6207, 74.0794**, and if you desaturate by 10%, it is **64.4371, 68.2282, 75.4198**.

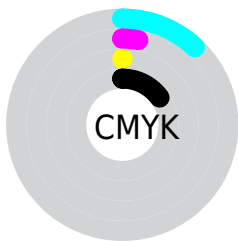
Distribution



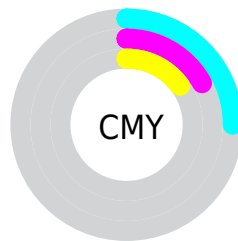
- Red (75%)
- Green (83%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3045, 62.6747, 74.7228 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 57.3045, 62.6747, 74.7228 by changing the saturation by 10% instead.

■ 57.3045, 62.6747,
74.7228

■ 57.3045, 62.6747,
74.7228

404.5851,
434.3879, 496.1942

■ 41.4909, 45.5781,
54.8855

■ 100.0382,
108.7001, 127.6634

■ 28.8922, 31.9130,
38.9120

127.6889,
138.3976, 161.6037

■ 19.1432, 21.2951,
26.3840

160.0160,
173.0643, 201.0821

■ 11.8784, 13.3399,
16.8828

197.3849,
213.0844, 246.5171

■ 6.7325, 7.6630,
9.9899

240.1609,
258.8425, 298.3273

■ 3.3402, 3.8801,
5.2867

288.7093,

■ 1.3361, 1.6067,

310.7228, 356.9312

2.3548

343.3956,
369.1098, 422.7473

■ 0.2100, 0.3621,
0.7617

■ 0.0000, 0.0000,
0.0000

■ 57.3045, 62.6747,
74.7228

■ 57.3045, 62.6747,
74.7228

■ 51.0228, 57.6207,
74.0794

■ 64.4371, 68.2282,
75.4198

■ 45.5508, 53.0394,
73.4835

■ 72.4488, 74.2911,
76.1678

■ 40.8518, 48.9132,
72.9347

■ 80.9663, 80.6733,
76.9508

■ 36.8843, 45.2199,
72.4309

■ 82.3474, 83.4356,
77.4111

■ 33.6026, 41.9354,
71.9699

■ 83.7686, 86.2779,
77.8849

■ 30.9555, 39.0330,
71.5492

■ 85.2302, 89.2011,
78.3720

■ 28.8845, 36.4819,
71.1660

■ 86.7325, 92.2057,
78.8728

■ 27.3192, 34.2452,
70.8167

■ 88.2758, 95.2923,
79.3872

■ 26.3344, 32.6294,
70.5568

■ 89.5246, 97.7898,
79.8035

Harmonies

Analogous

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



56.5382, 62.6747, 70.4218



57.3045, 62.6747, 74.7228



58.6845, 62.6747, 77.3500

Triad

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



57.3045, 62.6747, 74.7228



62.6711, 62.6747, 70.8239



58.8205, 62.6747, 59.7823

Complementary

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



57.3045, 62.6747, 74.7228



57.9858, 58.4454, 57.5161

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.



60.4652, 62.6747, 59.8787



57.3045, 62.6747, 74.7228



62.7092, 62.6747, 66.1079

Square

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



57.3045, 62.6747, 74.7228



61.7923, 62.6747, 75.0289



61.8953, 62.6747, 62.1474



57.4025, 62.6747, 61.8774

Rectangle

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



57.3045, 62.6747, 74.7228



59.7766, 62.6747, 77.7264



61.8953, 62.6747, 62.1474



59.3647, 62.6747, 59.5625

Sweetspot

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



57.3063, 62.6773, 74.7242



90.6505, 96.6247, 108.4804



56.3358, 64.7176, 62.1268



19.2308, 20.5487, 23.2027



0.0000, 0.0000, 0.0000



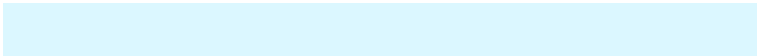
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3063, 62.6773, 74.7242



80.5430, 88.7051, 107.4845



54.2893, 56.6432, 73.7185



13.1770, 14.2938, 16.7166



16.0249, 19.9191, 42.7386



1.1015, 1.4171, 2.7899

Inverse Universe

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



59.0054, 56.7177, 69.4688



83.4023, 78.7807, 98.6169



60.9764, 64.4267, 58.5130



13.4792, 13.2208, 15.7847



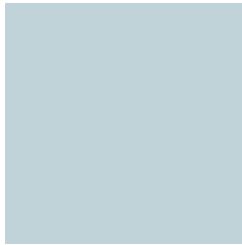
21.5839, 10.6346, 23.2528



1.4303, 0.7017, 1.6747

Previews

White Background



This preview shows how the XYZ color 57.3045, 62.6747, 74.7228 looks on a white background.

Color Contrast Check

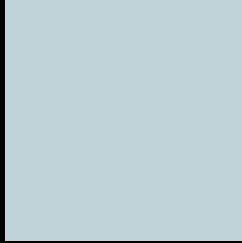
Large Text (above 18pt) WCAG AA × Fail

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 57.3045, 62.6747, 74.7228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

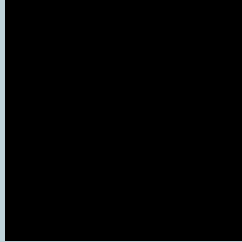
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

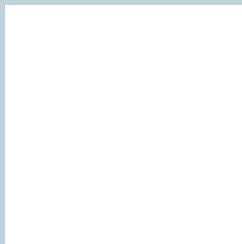
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3045, 62.6747, 74.7228

Background



This preview shows how black text looks on a background with the XYZ color 57.3045, 62.6747, 74.7228.



This preview shows how white text looks on a background with the XYZ color 57.3045, 62.6747,

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

57.3045, 62.6747, 74.7228

Protanopia

60.5034, 62.5530, 72.5034

Deuteranopia

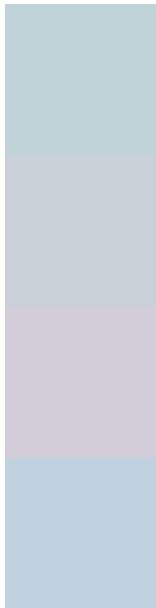
63.7970, 62.4174, 75.7031



Tritanopia

58.7664, 62.9216, 80.9993

Trichromacy



Original Color

57.3045, 62.6747, 74.7228

Protanomaly

59.1787, 62.5746, 73.2490

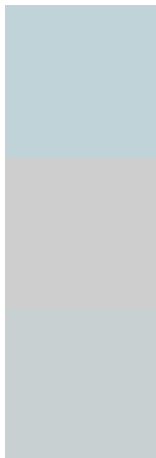
Deuteranomaly

61.3502, 62.5735, 75.1741

Tritanomaly

58.1041, 62.6274, 78.8379

Monochromacy



Original Color

57.3045, 62.6747, 74.7228

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 57.3045, 62.6747, 74.7228 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, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 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, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.3045, 62.6747, 74.7228 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, 211, 217) }
```


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

```
.border{ border-color:rgb(191, 211, 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, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 211, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 211, 217); box-shadow:4px 4px 4px 4px rgb(191, 211, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3045, 62.6747, 74.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 217) }
```

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

```
.background{ background-color: rgb(191,  
211, 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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