

Converting Colors

XYZ(58.7658, 67.1903, 73.9302)

Have a look what the booklet for
XYZ(58.7658, 67.1903, 73.9302)
contains.

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Color

**XYZ(58.8612, 67.3106,
74.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDDD7
RGB	188, 221, 215
RGB Percent	74%, 87%, 84%
CMY	0.2627, 0.1333, 0.1569
CMYK	0.15, 0.00, 0.03, 0.13
HSL	169°, 33%, 80%
HSV	169°, 15%, 87%
XYZ	58.8612, 67.3106, 74.1799
YIQ	210.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

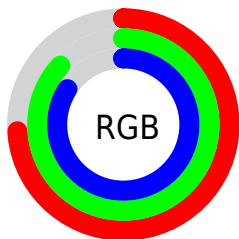
Format	Color
R _{YB}	188, 206, 221
Decimal	12377559
CIE Lab	85.66, -12.01, -0.71
CIE LCh	86, 12.026, 183.369
Yxy	67.3106, 0.2938, 0.3360
Android (android.graphics.Color)	4290567639 (0xFFBCDDD7)
YUV	210.4490, 2.2436, -19.6878
Hunter-Lab	82.0430, -15.5117, 3.8226

Details

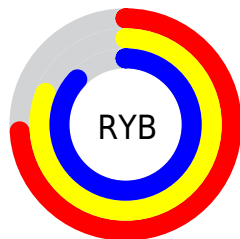
The XYZ color **58.8612, 67.3106, 74.1799** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5420, 55.2353, 58.6705**, and the grayscale version is **61.5493, 64.7546, 70.5178**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.8129, 34.8788, 38.4187** is the 20% darker color. If you saturate the color by 10%, you get **53.3185, 64.5140, 71.2581**, and if you desaturate by 10%, it is **65.2542, 70.5477, 77.2106**.

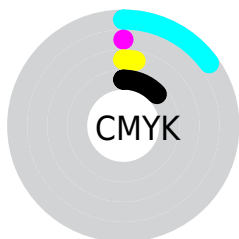
Distribution



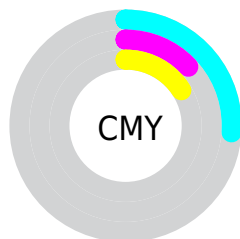
- Red (74%)
- Green (87%)
- Blue (84%)



- Red (74%)
- Yellow (81%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8612, 67.3106, 74.1799 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 58.8612, 67.3106, 74.1799 by changing the saturation by 10% instead.

■ 58.8612, 67.3106,
74.1799

■ 58.8612, 67.3106,
74.1799

410.2897,
451.0496, 494.2740

■ 42.7473, 49.3371,
54.4436

■ 102.2917,
115.3654, 126.8872

■ 29.8806, 34.8870,
38.5609

130.3390,
146.2154, 160.6953

■ 19.8956, 23.5758,
26.1131

163.0949,
182.1264, 200.0310

■ 12.4270, 15.0193,
16.6817

200.9246,
223.4827, 245.3130

■ 7.1094, 8.8329,
9.8483

244.1936,
270.6688, 296.9598

■ 3.5776, 4.6323,
5.1942

293.2672,

■ 1.4660, 2.0332,

324.0691, 355.3899

2.3009

348.5108,
384.0678, 421.0218

■ 0.3026, 0.6267,
0.7317

■ 0.0000, 0.0000,
0.0000

■ 58.8612, 67.3106,
74.1799

■ 58.8612, 67.3106,
74.1799

■ 53.3185, 64.5140,
71.2581

■ 65.2542, 70.5477,
77.2106

■ 48.5823, 62.1299,
68.4385

■ 72.5272, 74.2352,
80.3477

■ 44.6139, 60.1402,
65.7201

■ 80.7155, 78.3930,
83.5949

■ 41.3688, 58.5219,
63.1004

■ 81.5331, 78.7496,
86.5649

■ 38.7979, 57.2497,
60.5767

■ 82.1079, 78.9795,
89.5915

■ 36.8461, 56.2953,
58.1458

■ 82.6957, 79.2147,
92.6873

■ 35.4493, 55.6256,
55.8042

■ 83.2969, 79.4551,
95.8527

■ 34.5291, 55.2002,
53.5479

■ 83.9113, 79.7009,
99.0881

■ 34.1781, 55.0436,
52.4339

■ 84.5391, 79.9520,
102.3940

Harmonies

Analogous

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



59.3827, 67.3106, 66.7338



58.8612, 67.3106, 74.1799



59.6778, 67.3106, 81.9042

Triad

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



58.8612, 67.3106, 74.1799



66.9179, 67.3106, 86.6239



66.3669, 67.3106, 60.6150

Complementary

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



58.8612, 67.3106, 74.1799



57.5420, 55.2353, 58.6705

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.



68.4773, 67.3106, 65.3016



58.8612, 67.3106, 74.1799



68.8017, 67.3106, 80.2618

Square

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



58.8612, 67.3106, 74.1799



64.2868, 67.3106, 89.4040



69.3803, 67.3106, 72.4069



63.6677, 67.3106, 59.2385

Rectangle

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



58.8612, 67.3106, 74.1799



60.8851, 67.3106, 86.0745



69.3803, 67.3106, 72.4069



67.1713, 67.3106, 61.8382

Sweetspot

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



58.8631, 67.3134, 74.1814



91.0991, 97.9976, 107.1633



57.1966, 66.8226, 57.4614



19.3447, 20.8974, 22.8680



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.



58.8631, 67.3134, 74.1814



78.8174, 91.7838, 101.2753



56.9748, 62.2794, 77.4282



13.3379, 14.7868, 16.2426



19.8923, 31.9895, 30.6617



1.3157, 2.0832, 2.1287

Inverse Universe

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



57.5420, 55.2353, 58.6705



76.6479, 71.9432, 75.7990



59.1953, 59.5992, 55.9618



13.1523, 13.0900, 14.0632



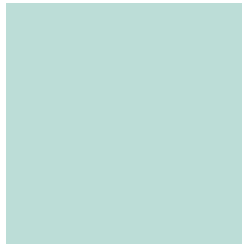
17.5767, 9.0317, 2.1509



1.1680, 0.5968, 0.2934

Previews

White Background



This preview shows how the XYZ color 58.8612, 67.3106, 74.1799 looks on a white background.

Color Contrast Check

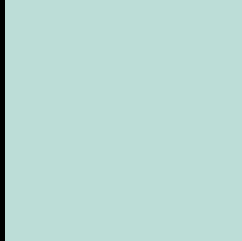
Large Text (above 18pt) WCAG AA × Fail

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 58.8612, 67.3106, 74.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

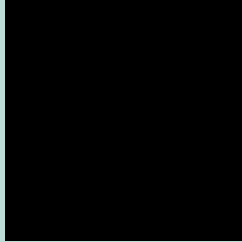
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

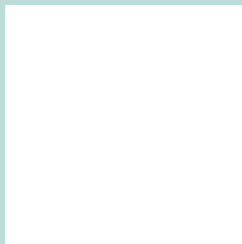
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8612, 67.3106, 74.1799

Background



This preview shows how black text looks on a background with the XYZ color 58.8612, 67.3106, 74.1799.

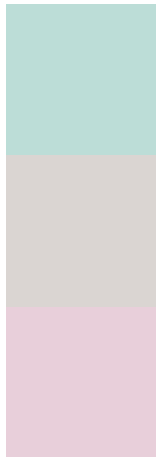


This preview shows how white text looks on a background with the XYZ color 58.8612, 67.3106,

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

58.8612, 67.3106, 74.1799

Protanopia

64.3406, 67.1471, 70.5423

Deuteranopia

68.2464, 66.8434, 75.6348



Tritanopia

61.8050, 67.3474, 88.3391

Trichromacy



Original Color

58.8612, 67.3106, 74.1799

Protanomaly

62.1717, 67.1306, 71.9681

Deuteranomaly

64.3868, 66.6957, 75.1256

Tritanomaly

60.8210, 67.3408, 83.1913

Monochromacy



Original Color

58.8612, 67.3106, 74.1799

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2874, 65.4032, 71.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8612, 67.3106, 74.1799 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(188, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 215)  
}
```

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(188, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.8612, 67.3106, 74.1799 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(188, 221, 215) }
```


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

```
.border{ border-color:rgb(188, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(188, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8612, 67.3106, 74.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 215) }
```

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

```
.background{ background-color: rgb(188,  
221, 215) }
```

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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