

Converting Colors

XYZ(57.2646, 65.4710, 75.2156)

Have a look what the booklet for
XYZ(57.2646, 65.4710, 75.2156)
contains.

XYZ(57.1242, 65.2198, 75.2236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.1242, 65.2198,
75.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DAD9
RGB	183, 218, 217
RGB Percent	72%, 85%, 85%
CMY	0.2823, 0.1451, 0.1490
CMYK	0.16, 0.00, 0.00, 0.15
HSL	178°, 32%, 79%
HSV	178°, 16%, 85%
XYZ	57.1242, 65.2198, 75.2236
YIQ	207.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

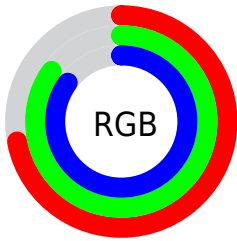
Format	Color
RYB	183, 201, 218
Decimal	12049113
CIELab	84.60, -11.65, -3.36
CIELCh	85, 12.130, 196.092
Yxy	65.2198, 0.2891, 0.3301
Android (android.graphics.Color)	4290239193 (0xFFB7DAD9)
YUV	207.4210, 4.7224, -21.4172
Hunter-Lab	80.7588, -15.0670, 1.3049

Details

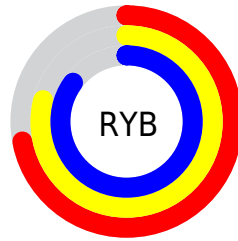
The XYZ color **57.1242, 65.2198, 75.2236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5009, 52.2348, 52.5599**, and the grayscale version is **59.5611, 62.6629, 68.2399**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.6720, 33.4701, 39.1316** is the 20% darker color. If you saturate the color by 10%, you get **52.2546, 62.7206, 74.5737**, and if you desaturate by 10%, it is **62.8010, 68.1386, 75.9156**.

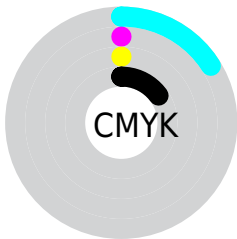
Distribution



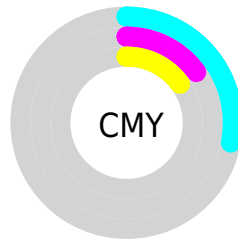
- Red (72%)
- Green (85%)
- Blue (85%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1242, 65.2198, 75.2236 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 57.1242, 65.2198, 75.2236 by changing the saturation by 10% instead.

■ 57.1242, 65.2198,
75.2236

■ 57.1242, 65.2198,
75.2236

403.9212,
443.5814, 497.9617

■ 41.3455, 47.6393,
55.2933

■ 99.7767, 112.3658,
128.3788

■ 28.7780, 33.5414,
39.2364

127.3812,
142.7001, 162.4408

■ 19.0564, 22.5415,
26.6344

159.6584,
178.0545, 202.0504

■ 11.8153, 14.2553,
17.0688

196.9735,
218.8134, 247.6262

■ 6.6893, 8.2985,
10.1211

239.6920,
265.3611, 299.5866

■ 3.3132, 4.2865,
5.3727

288.1792,

■ 1.3215, 1.8351,

318.0821, 358.3503

2.4050

342.8005,
377.3607, 424.3358

■ 0.1992, 0.5089,
0.7892

■ 0.0000, 0.0000,
0.0000

■ 57.1242, 65.2198,
75.2236

■ 57.1242, 65.2198,
75.2236

■ 52.2546, 62.7206,
74.5737

■ 62.8010, 68.1386,
75.9156

■ 48.1498, 60.6138,
73.9599


■ 69.3138, 71.4866,
76.6470


■ 44.7718, 58.8817,
73.3816


■ 76.6969, 75.2833,
77.4207


■ 42.0774, 57.5019,
72.8370


■ 79.1647, 76.5460,
77.9660


 40.0187, 56.4498,
72.3237


 79.2474, 76.5791,
78.4012


 38.5415, 55.6975,
71.8392

 79.3303, 76.6122,
78.8381


 37.5829, 55.2125,
71.3806

 79.4136, 76.6456,
79.2767

 37.0644, 54.9543,
70.9441

 79.4972, 76.6790,
79.7168

 36.9257, 54.8864,
70.7755

 79.5811, 76.7125,
80.1586

Harmonies

Analogous

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



57.0756, 65.2198, 67.4921



57.1242, 65.2198, 75.2236



58.4512, 65.2198, 82.2972

Triad

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



57.1242, 65.2198, 75.2236



65.8135, 65.2198, 81.8548



63.2483, 65.2198, 57.5107

Complementary

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



57.1242, 65.2198, 75.2236



54.5009, 52.2348, 52.5599

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.



65.6677, 65.2198, 60.8110



57.1242, 65.2198, 75.2236



67.1776, 65.2198, 74.6549

Square

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



57.1242, 65.2198, 75.2236



63.4427, 65.2198, 86.3118



67.1234, 65.2198, 66.9631



60.5586, 65.2198, 57.6386

Rectangle

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



57.1242, 65.2198, 75.2236



59.9050, 65.2198, 85.5232



67.1234, 65.2198, 66.9631



64.1217, 65.2198, 58.2450

Sweetspot

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



57.1261, 65.2225, 75.2251



90.4551, 97.6380, 108.3782



53.4276, 63.7753, 54.2948



19.2281, 20.8302, 23.1820



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.



57.1261, 65.2225, 75.2251



79.1938, 91.8516, 106.9955



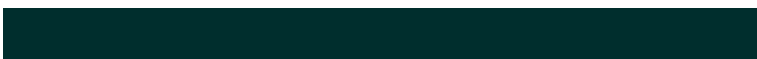
53.2276, 57.2161, 74.5712



13.4279, 14.8228, 16.7163



22.1286, 32.8841, 42.4380



1.4388, 2.1325, 2.7767

Inverse Universe

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



54.5009, 52.2348, 52.5599



74.8215, 70.2189, 69.2447



57.9632, 59.3270, 53.1971



13.0711, 13.0575, 13.6356



17.3494, 8.9408, 0.9540



1.1294, 0.5814, 0.0905

Previews

White Background



This preview shows how the XYZ color 57.1242, 65.2198, 75.2236 looks on a white background.

Color Contrast Check

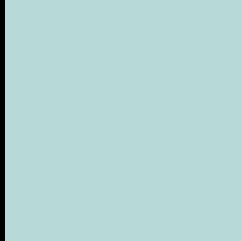
Large Text (above 18pt) WCAG AA × Fail

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 57.1242, 65.2198, 75.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

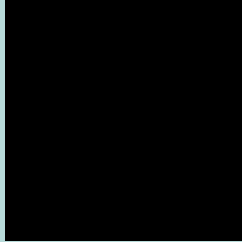
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

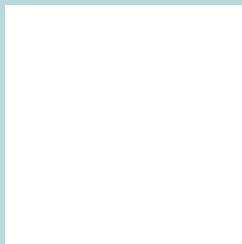
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1242, 65.2198, 75.2236

Background



This preview shows how black text looks on a background with the XYZ color 57.1242, 65.2198, 75.2236.



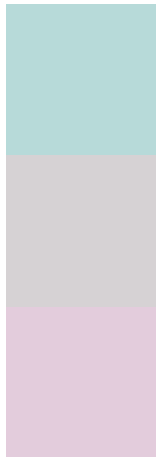
This preview shows how white text looks on a background with the XYZ color 57.1242, 65.2198,

75.2236.

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

57.1242, 65.2198, 75.2236

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

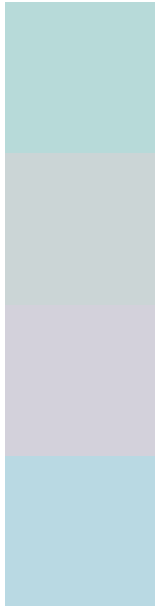
66.1897, 64.6839, 76.7068



Tritanopia

59.5135, 65.4340, 86.5841

Trichromacy



Original Color

57.1242, 65.2198, 75.2236

Protanomaly

60.5605, 65.1400, 72.9997

Deuteranomaly

62.4506, 64.5643, 76.1885

Tritanomaly

58.6856, 65.4860, 82.2201

Monochromacy



Original Color

57.1242, 65.2198, 75.2236

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3408, 63.2974, 70.7708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1242, 65.2198, 75.2236 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(183, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 218, 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(183, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 218, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.1242, 65.2198, 75.2236 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(183, 218, 217) }
```


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

```
.border{ border-color:rgb(183, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 218,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1242, 65.2198, 75.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 218, 217) }
```

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

```
.background{ background-color: rgb(183,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor