

Converting Colors

XYZ(57.2166, 65.3121, 73.2092)

Have a look what the booklet for
XYZ(57.2166, 65.3121, 73.2092)
contains.

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Color

**XYZ(57.2166, 65.3121,
73.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DAD6
RGB	185, 218, 214
RGB Percent	73%, 85%, 84%
CMY	0.2745, 0.1451, 0.1608
CMYK	0.15, 0.00, 0.02, 0.15
HSL	173°, 31%, 79%
HSV	173°, 15%, 85%
XYZ	57.2166, 65.3121, 73.2092
YIQ	207.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

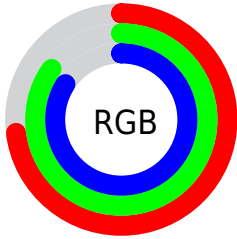
Format	Color
RYB	185, 203, 218
Decimal	12180182
CIELab	84.64, -11.63, -1.69
CIELCh	85, 11.753, 188.257
Yxy	65.3121, 0.2923, 0.3337
Android (android.graphics.Color)	4290370262 (0xFFB9DAD6)
YUV	207.6770, 3.1172, -19.8877
Hunter-Lab	80.8159, -15.0522, 2.8617

Details

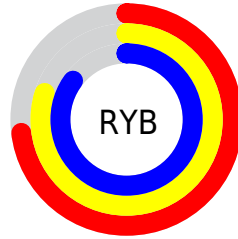
The XYZ color **57.2166, 65.3121, 73.2092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.4501, 53.2793, 55.5084**, and the grayscale version is **59.7356, 62.8465, 68.4398**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.7153, 33.5229, 37.7580** is the 20% darker color. If you saturate the color by 10%, you get **52.0209, 62.6741, 71.2187**, and if you desaturate by 10%, it is **63.2279, 68.3735, 75.2693**.

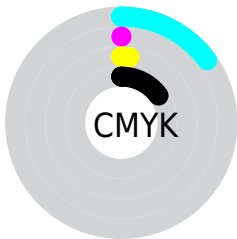
Distribution



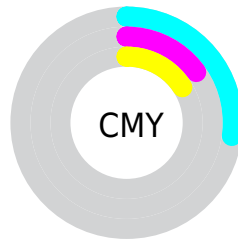
- Red (73%)
- Green (85%)
- Blue (84%)



- Red (73%)
- Yellow (80%)
- Blue (85%)



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



- Cyan (27%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2166, 65.3121, 73.2092 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 57.2166, 65.3121, 73.2092 by changing the saturation by 10% instead.

■ 57.2166, 65.3121,
73.2092

■ 57.2166, 65.3121,
73.2092

404.2615,
443.9127, 490.8298

■ 41.4200, 47.7142,
53.6542

■ 99.9107, 112.4984,
125.4978

■ 28.8365, 33.6006,
37.9340

127.5389,
142.8557, 159.0685

■ 19.1008, 22.5869,
25.6300

159.8417,
178.2348, 198.1481

■ 11.8476, 14.2888,
16.3238

197.1844,
219.0202, 243.1553

■ 6.7115, 8.3218,
9.5967

239.9323,
265.5963, 294.5085

■ 3.3270, 4.3016,
5.0303

288.4510,

■ 1.3290, 1.8436,

318.3475, 352.6263

2.2060

343.1056,
377.6581, 417.9272

■ 0.2047, 0.5142,
0.6778

■ 0.0000, 0.0000,
0.0000

■ 57.2166, 65.3121,
73.2092

■ 57.2166, 65.3121,
73.2092

■ 52.0209, 62.6741,
71.2187

■ 63.2279, 68.3735,
75.2693

■ 47.5986, 60.4324,
69.2914


■ 70.0836, 71.8677,
77.3962


■ 43.9120, 58.5693,
67.4270


■ 77.8177, 75.8142,
79.5932


■ 40.9182, 57.0628,
65.6232


■ 79.8457, 76.8184,
81.5522


 38.5698, 55.8884,
63.8777


 80.2085, 76.9635,
83.4623


 36.8134, 55.0184,
62.1878


 80.5768, 77.1108,
85.4020


 35.5868, 54.4211,
60.5506

 80.9508, 77.2604,
87.3714

 34.8140, 54.0570,
58.9622

 81.3304, 77.4123,
89.3705

 34.5385, 53.9315,
58.2047

 81.7158, 77.5664,
91.3996

Harmonies

Analogous

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



57.5075, 65.3121, 65.8939



57.2166, 65.3121, 73.2092



58.1989, 65.3121, 80.4416

Triad

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



57.2166, 65.3121, 73.2092



65.2540, 65.3121, 83.0749



63.9651, 65.3121, 58.5184

Complementary

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



57.2166, 65.3121, 73.2092



55.4501, 53.2793, 55.5084

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.



66.1241, 65.3121, 62.5364



57.2166, 65.3121, 73.2092



66.8827, 65.3121, 76.6022

Square

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



57.2166, 65.3121, 73.2092



62.8046, 65.3121, 86.3941



67.2055, 65.3121, 69.0587



61.3554, 65.3121, 57.7505

Rectangle

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



57.2166, 65.3121, 73.2092



59.4603, 65.3121, 84.1238



67.2055, 65.3121, 69.0587



64.7698, 65.3121, 59.5194

Sweetspot

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



57.2185, 65.3148, 73.2107



90.2658, 97.5623, 107.3816



54.9160, 64.5184, 55.4590



19.1820, 20.8117, 22.9388



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.



57.2185, 65.3148, 73.2107



79.2493, 91.9565, 103.5493



54.7117, 59.4730, 74.9286



13.3733, 14.8010, 16.4288



20.7181, 32.3199, 35.0104



1.3618, 2.1017, 2.3712

Inverse Universe

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



55.4501, 53.2793, 55.5084



76.2880, 71.7992, 73.9039



57.6616, 58.3883, 54.1311



13.1200, 13.0771, 13.8930



17.4578, 8.9842, 1.5250



1.1527, 0.5907, 0.2131

Previews

White Background



This preview shows how the XYZ color 57.2166, 65.3121, 73.2092 looks on a white background.

Color Contrast Check

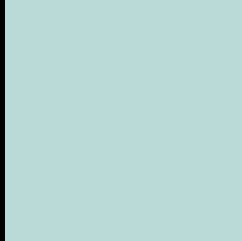
Large Text (above 18pt) WCAG AA × Fail

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 57.2166, 65.3121, 73.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

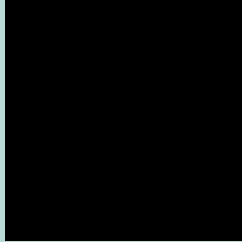
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

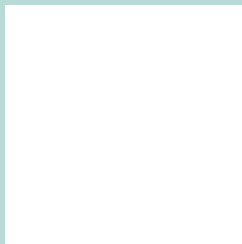
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2166, 65.3121, 73.2092

Background



This preview shows how black text looks on a background with the XYZ color 57.2166, 65.3121, 73.2092.



This preview shows how white text looks on a background with the XYZ color 57.2166, 65.3121,

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

57.2166, 65.3121, 73.2092

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

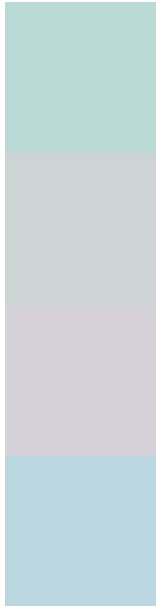
66.4303, 64.8535, 74.6624



Tritanopia

59.6050, 65.1184, 85.7715

Trichromacy



Original Color

57.2166, 65.3121, 73.2092

Protanomaly

60.4540, 65.1290, 71.0129

Deuteranomaly

62.6357, 64.7049, 74.1538

Tritanomaly

58.6400, 65.1128, 80.7115

Monochromacy



Original Color

57.2166, 65.3121, 73.2092

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9958, 64.0195, 70.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2166, 65.3121, 73.2092 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(185, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 218, 214)  
}
```

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(185, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.2166, 65.3121, 73.2092 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(185, 218, 214) }
```


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

```
.border{ border-color:rgb(185, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(185, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2166, 65.3121, 73.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 218, 214) }
```

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

```
.background{ background-color: rgb(185,  
218, 214) }
```

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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