

Converting Colors

XYZ(55.4940, 65.0282, 59.5984)

Have a look what the booklet for
XYZ(55.4940, 65.0282, 59.5984)
contains.

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Color

**XYZ(55.5850, 65.1602,
59.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDBC0
RGB	188, 219, 192
RGB Percent	74%, 86%, 75%
CMY	0.2627, 0.1412, 0.2471
CMYK	0.14, 0.00, 0.12, 0.14
HSL	128°, 30%, 80%
HSV	128°, 14%, 86%
XYZ	55.5850, 65.1602, 59.5167
YIQ	206.6530, -9.8090, -14.9690

Conversions

Conversions Part 2

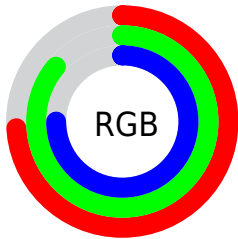
Format	Color
RYB	188, 215, 219
Decimal	12377024
CIELab	84.57, -15.35, 9.86
CIELCh	85, 18.243, 147.272
Yxy	65.1602, 0.3084, 0.3615
Android (android.graphics.Color)	4290567104 (0xFFBCDBC0)
YUV	206.6530, -7.2239, -16.3587
Hunter-Lab	80.7219, -18.3483, 12.7904

Details

The XYZ color **55.5850, 65.1602, 59.5167** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4647, 55.9344, 71.9553**, and the grayscale version is **59.1359, 62.2156, 67.7528**.

A 20% lighter version of the original color is **90.0115, 97.5304, 102.8881**, and **27.7672, 33.4833, 29.4255** is the 20% darker color. If you saturate the color by 10%, you get **48.6156, 61.7978, 48.8640**, and if you desaturate by 10%, it is **63.6507, 69.0598, 71.6534**.

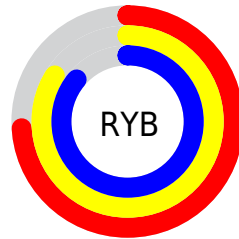
Distribution



Red (74%)

Green (86%)

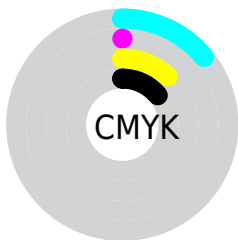
Blue (75%)



Red (74%)

Yellow (84%)

Blue (86%)

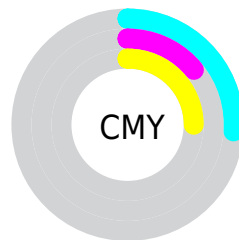


Cyan (14%)

Magenta (0%)

Yellow (12%)

Black (14%)



Cyan (26%)

Magenta (14%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5850, 65.1602, 59.5167 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 55.5850, 65.1602, 59.5167 by changing the saturation by 10% instead.

■ 55.5850, 65.1602,
59.5167

■ 55.5850, 65.1602,
59.5167

398.2261,
443.3674, 440.5691

■ 40.1060, 47.5910,
42.6065

■ 97.5409, 112.2801,
105.6648

■ 27.8058, 33.5031,
29.2473

124.7484,
142.5997, 135.7396

■ 18.3190, 22.5121,
19.0208

156.5962,
177.9381, 171.0398

■ 11.2803, 14.2337,
11.5084

193.4496,
218.6798, 211.9839

■ 6.3244, 8.2834,
6.2914

235.6739,
265.2092, 258.9903

■ 3.0858, 4.2768,
2.9514

283.6346,

■ 1.1993, 1.8296,

317.9107, 312.4776

1.0699

337.6968,
377.1686, 372.8644

■ 0.1058, 0.5055,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5850, 65.1602,
59.5167

■ 55.5850, 65.1602,
59.5167

■ 48.6156, 61.7978,
48.8640

■ 63.6507, 69.0598,
71.6534

■ 42.6899, 58.9411,
39.6342

■ 72.8515, 73.5100,
85.3234

■ 37.7589, 56.5681,
31.7683

■ 83.2313, 78.5340,
100.5791

■ 33.7677, 54.6518,
25.2016

■ 84.6228, 79.1456,
105.4243

■ 30.6561, 53.1626,
19.8642

■ 28.3565, 52.0674,
15.6795

■ 26.7917, 51.3280,
12.5624

■ 25.8687, 50.8988,
10.4158

■ 25.5455, 50.7507,
9.5643

Harmonies

Analogous

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



58.4186, 65.1602, 52.8471



55.5850, 65.1602, 59.5167



54.4461, 65.1602, 69.8878

Triad

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



55.5850, 65.1602, 59.5167



61.5614, 65.1602, 95.7500



69.1462, 65.1602, 61.1739

Complementary

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



55.5850, 65.1602, 59.5167



59.4647, 55.9344, 71.9553

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.



70.0762, 65.1602, 72.0196



55.5850, 65.1602, 59.5167



65.5853, 65.1602, 92.7725

Square

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



55.5850, 65.1602, 59.5167



57.8007, 65.1602, 91.5037



68.7464, 65.1602, 83.7575



66.2573, 65.1602, 53.7278

Rectangle

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



55.5850, 65.1602, 59.5167



54.7622, 65.1602, 77.8071



68.7464, 65.1602, 83.7575



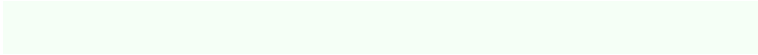
69.7036, 65.1602, 64.5050

Sweetspot

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



55.5868, 65.1630, 59.5181



89.9988, 97.5575, 101.3693



62.5484, 68.8023, 57.5613



19.0664, 20.7860, 21.4025



0.0000, 0.0000, 0.0000



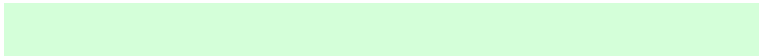
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5868, 65.1630, 59.5181



75.3667, 90.4875, 79.3053



57.3494, 65.8680, 68.7997



12.9546, 14.6335, 14.2237



15.1688, 30.1002, 5.7885



1.0055, 1.9592, 0.4952

Inverse Universe

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



59.4647, 55.9344, 71.9553



81.8585, 75.0371, 100.1246



57.6104, 55.1927, 62.1906



13.5383, 13.2444, 16.0960



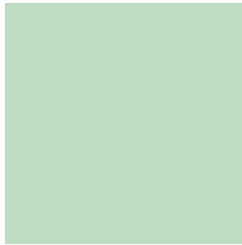
22.9102, 11.1651, 30.2370



1.5048, 0.7316, 2.0674

Previews

White Background



This preview shows how the XYZ color 55.5850, 65.1602, 59.5167 looks on a white background.

Color Contrast Check

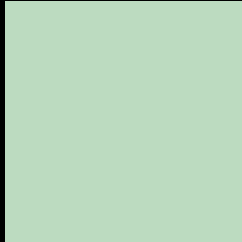
Large Text (above 18pt) WCAG AA × Fail

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 55.5850, 65.1602, 59.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

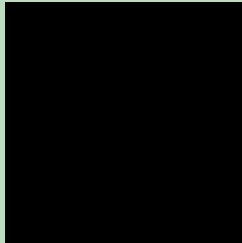
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

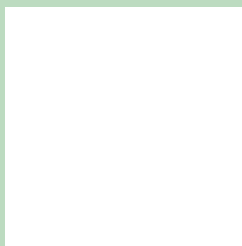
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5850, 65.1602, 59.5167

Background



This preview shows how black text looks on a background with the XYZ color 55.5850, 65.1602, 59.5167.



This preview shows how white text looks on a background with the XYZ color 55.5850, 65.1602,

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

55.5850, 65.1602, 59.5167

Protanopia

61.5314, 64.8967, 56.2970

Deuteranopia

66.1313, 64.6565, 60.6242



Tritanopia

60.3253, 64.7710, 84.1855

Trichromacy



Original Color

55.5850, 65.1602, 59.5167

Protanomaly

58.9920, 64.6725, 57.5179

Deuteranomaly

61.7515, 64.5560, 60.2448

Tritanomaly

58.4333, 64.7652, 74.3869

Monochromacy



Original Color

55.5850, 65.1602, 59.5167

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.7744, 63.1322, 65.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5850, 65.1602, 59.5167 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, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 219, 192)  
}
```

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, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 219, 192) }
```

Border

The CSS property to change the border of an element to XYZ 55.5850, 65.1602, 59.5167 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, 219, 192) }
```


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

```
.border{ border-color:rgb(188, 219, 192) }
```

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

Here you see how a box with a 4 pixel rgb(188, 219, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 219,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5850, 65.1602, 59.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 219, 192) }
```

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

```
.background{ background-color: rgb(188,  
219, 192) }
```

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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