

Converting Colors

XYZ(53.7115, 65.6897, 59.4912)

Have a look what the booklet for
XYZ(53.7115, 65.6897, 59.4912)
contains.

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Color

**XYZ(53.8066, 65.8112,
59.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DFC0
RGB	176, 223, 192
RGB Percent	69%, 87%, 75%
CMY	0.3098, 0.1255, 0.2471
CMYK	0.21, 0.00, 0.14, 0.13
HSL	140°, 42%, 78%
HSV	140°, 21%, 87%
XYZ	53.8066, 65.8112, 59.7361
YIQ	205.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

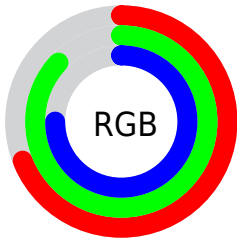
Format	Color
RYB	176, 211, 223
Decimal	11591616
CIELab	84.90, -21.29, 10.24
CIELCh	85, 23.626, 154.322
Yxy	65.8112, 0.3000, 0.3669
Android (android.graphics.Color)	4289781696 (0xFFB0DFC0)
YUV	205.4130, -6.6126, -25.7952
Hunter-Lab	81.1241, -23.5748, 13.1284

Details

The XYZ color **53.8066, 65.8112, 59.7361** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.2215, 51.2452, 65.9098**, and the grayscale version is **58.3418, 61.3801, 66.8430**.

A 20% lighter version of the original color is **85.9820, 95.4531, 102.6995**, and **26.8312, 34.0803, 29.5901** is the 20% darker color. If you saturate the color by 10%, you get **47.6235, 62.8046, 51.3605**, and if you desaturate by 10%, it is **60.9845, 69.3155, 69.0114**.

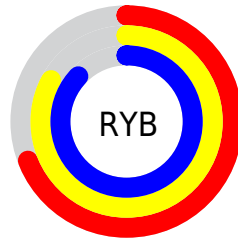
Distribution



Red (69%)

Green (87%)

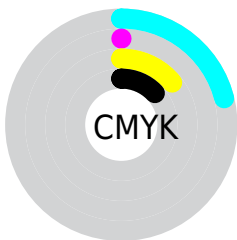
Blue (75%)



Red (69%)

Yellow (83%)

Blue (87%)

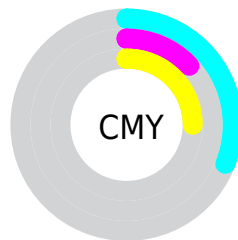


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (31%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8066, 65.8112, 59.7361 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 53.8066, 65.8112, 59.7361 by changing the saturation by 10% instead.


 53.8066, 65.8112,
59.7361

 53.8066, 65.8112,
59.7361


391.5825,
445.7014, 441.4020

 38.6771, 48.1192,
42.7821


 94.9488, 113.2153,
105.9864

 26.6882, 33.9213,
29.3840


121.6922,
143.6962, 136.1197

 17.4746, 22.8331,
19.1234


153.0376,
179.2088, 171.4832

 10.6708, 14.4703,
11.5818

189.3504,
220.1375, 212.4953

 5.9116, 8.4485,
6.3405

230.9959,
266.8667, 259.5748

 2.8316, 4.3833,
2.9811

278.3396,

 1.0653, 1.8902,

319.7808, 313.1400

1.0850

331.7466,
379.2642, 373.6095

0.0000, 0.5425,
0.0000

0.0000, 0.0000,
0.0000

53.8066, 65.8112,
59.7361

53.8066, 65.8112,
59.7361

47.6235, 62.8046,
51.3605

60.9845, 69.3155,
69.0114

42.3847, 60.2646,
43.8532

69.1941, 73.3305,
79.2078

38.0433, 58.1695,
37.1875

78.4767, 77.8789,
90.3515

34.5458, 56.4924,
31.3334

85.0161, 80.9927,
102.2859

■ 31.8330, 55.2035,
26.2594

■ 85.6789, 81.2578,
105.7763

■ 29.8377, 54.2686,
21.9315

■ 28.4801, 53.6474,
18.3133

■ 27.6904, 53.2984,
15.6497

Harmonies

Analogous

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



56.9780, 65.8112, 50.1484



53.8066, 65.8112, 59.7361



52.9270, 65.8112, 73.8798

Triad

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



53.8066, 65.8112, 59.7361



63.3229, 65.8112, 104.8902



71.3542, 65.8112, 56.4241

Complementary

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



53.8066, 65.8112, 59.7361



57.2215, 51.2452, 65.9098

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.



73.2774, 65.8112, 69.4797



53.8066, 65.8112, 59.7361



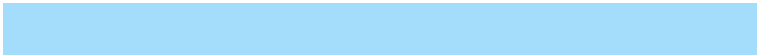
68.4773, 65.8112, 98.5750

Square

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



53.8066, 65.8112, 59.7361



58.2374, 65.8112, 101.3213



72.1962, 65.8112, 85.0673



67.0737, 65.8112, 48.4342

Rectangle

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



53.8066, 65.8112, 59.7361



53.7144, 65.8112, 84.3667



72.1962, 65.8112, 85.0673



72.3085, 65.8112, 60.2929

Sweetspot

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



53.8084, 65.8140, 59.7376



88.0608, 96.5798, 100.3132



60.0519, 69.2265, 51.2721



18.6926, 20.5957, 21.2771



0.0000, 0.0000, 0.0000



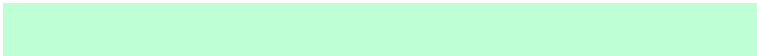
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8084, 65.8140, 59.7376



69.3128, 87.4304, 76.1407



56.5815, 66.9232, 74.3404



13.7204, 15.4139, 15.5626



16.3284, 31.3562, 9.4521



1.1727, 2.1898, 0.8706

Inverse Universe

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



57.2215, 51.2452, 65.9098



74.6761, 64.5310, 85.8349



54.5930, 50.1938, 52.0680



14.0864, 13.8522, 16.2251



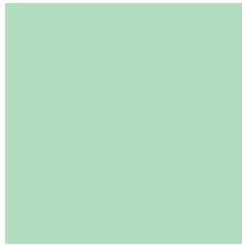
21.0488, 10.4865, 17.4546



1.5004, 0.7434, 1.4279

Previews

White Background



This preview shows how the XYZ color 53.8066, 65.8112, 59.7361 looks on a white background.

Color Contrast Check

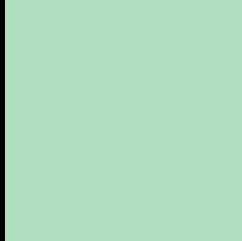
Large Text (above 18pt) WCAG AA × Fail

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 53.8066, 65.8112, 59.7361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

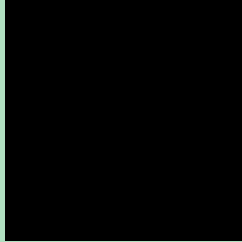
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8066, 65.8112, 59.7361

Background



This preview shows how black text looks on a background with the XYZ color 53.8066, 65.8112, 59.7361.



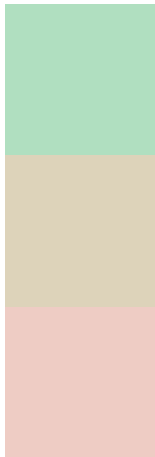
This preview shows how white text looks on a background with the XYZ color 53.8066, 65.8112,

59.7361.

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

53.8066, 65.8112, 59.7361

Protanopia

61.9760, 65.5059, 55.8318

Deuteranopia

66.8166, 65.3484, 61.3164



Tritanopia

59.4313, 65.7566, 87.4018

Trichromacy



Original Color

53.8066, 65.8112, 59.7361

Protanomaly

58.5544, 65.2109, 57.0778

Deuteranomaly

61.1689, 64.9757, 60.9474

Tritanomaly

57.1738, 65.6013, 76.6668

Monochromacy



Original Color

53.8066, 65.8112, 59.7361

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.2169, 62.7264, 63.7880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8066, 65.8112, 59.7361 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(176, 223, 192)` looks like.

```
.text, #text, p{  
    color:rgb(176, 223, 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(176, 223, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 223, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.8066, 65.8112, 59.7361 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(176, 223, 192) }
```


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

```
.border{ border-color:rgb(176, 223, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 223, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 223, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 223, 192);  
box-shadow:4px 4px 4px 4px rgb(176, 223,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8066, 65.8112, 59.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 223, 192) }
```

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

```
.background{ background-color: rgb(176,  
223, 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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