

Converting Colors

XYZ(53.8739, 64.7396, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 64.7396, 61.7163)
contains.

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Color

**XYZ(53.9171, 64.6369,
61.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DCC4
RGB	178, 220, 196
RGB Percent	70%, 86%, 77%
CMY	0.3020, 0.1372, 0.2314
CMYK	0.19, 0.00, 0.11, 0.14
HSL	146°, 38%, 78%
HSV	146°, 19%, 86%
XYZ	53.9171, 64.6369, 61.8590
YIQ	204.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

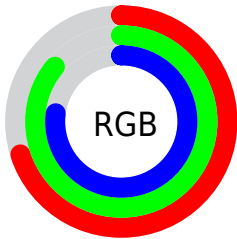
Format	Color
R _Y B	178, 207, 220
Decimal	11721924
CIE Lab	84.30, -18.41, 7.28
CIE LCh	84, 19.795, 158.422
Yxy	64.6369, 0.2989, 0.3583
Android (android.graphics.Color)	4289912004 (0xFFB2DCC4)
YUV	204.7060, -4.2921, -23.4212
Hunter-Lab	80.3971, -20.9865, 10.6591

Details

The XYZ color **53.9171, 64.6369, 61.8590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0985, 51.3223, 62.8294**, and the grayscale version is **57.8773, 60.8914, 66.3107**.

A 20% lighter version of the original color is **87.4213, 96.1043, 106.8709**, and **26.7951, 33.2232, 30.5917** is the 20% darker color. If you saturate the color by 10%, you get **47.8970, 61.6937, 54.4181**, and if you desaturate by 10%, it is **60.8703, 68.0509, 69.9724**.

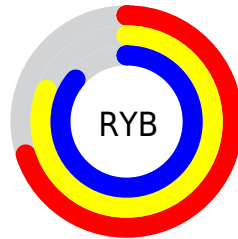
Distribution



Red (70%)

Green (86%)

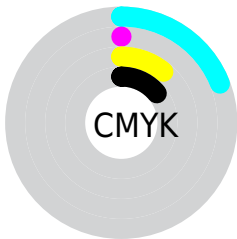
Blue (77%)



Red (70%)

Yellow (81%)

Blue (86%)

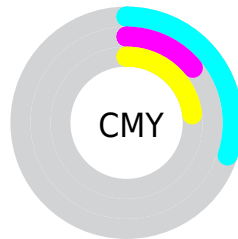


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (30%)

Magenta (14%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9171, 64.6369, 61.8590 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 53.9171, 64.6369, 61.8590 by changing the saturation by 10% instead.

■ 53.9171, 64.6369,
61.8590

■ 53.9171, 64.6369,
61.8590

391.9973,
441.4860, 449.4100

■ 38.7658, 47.1667,
44.4837

■ 95.1101, 111.5277,
109.0913

■ 26.7575, 33.1675,
30.7110

121.8825,
141.7170, 139.7855

■ 17.5268, 22.2548,
20.1223

153.2594,
176.9149, 175.7563

■ 10.7084, 14.0442,
12.2990

189.6060,
217.5057, 217.4224

■ 5.9370, 8.1514,
6.8226

231.2878,
263.8739, 265.2023

■ 2.8471, 4.1920,
3.2747

278.6700,

■ 1.0734, 1.7815,

316.4037, 319.5145

1.2365

332.1181,
375.4796, 380.7776

0.0027, 0.4756,
0.0089

0.0000, 0.0000,
0.0000

53.9171, 64.6369,
61.8590

53.9171, 64.6369,
61.8590

47.8970, 61.6937,
54.4181

60.8703, 68.0509,
69.9724

42.7631, 59.1921,
47.6280

68.7901, 71.9471,
78.7705

38.4726, 57.1120,
41.4724

77.7146, 76.3468,
88.2706

34.9768, 55.4289,
35.9324

83.5137, 79.1206,
98.2933

■ 32.2216, 54.1151,
30.9881

■ 84.8844, 79.6688,
105.5115

■ 30.1458, 53.1396,
26.6186

■ 28.6776, 52.4656,
22.8015

■ 27.7043, 52.0357,
19.5113

■ 27.6275, 52.0021,
19.2373

Harmonies

Analogous

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



56.3387, 64.6369, 53.0906



53.9171, 64.6369, 61.8590



53.4597, 64.6369, 73.9783

Triad

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



53.9171, 64.6369, 61.8590



62.6798, 64.6369, 97.0966



68.2871, 64.6369, 56.4018

Complementary

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



53.9171, 64.6369, 61.8590



56.0985, 51.3223, 62.8294

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.



70.1674, 64.6369, 66.8976



53.9171, 64.6369, 61.8590



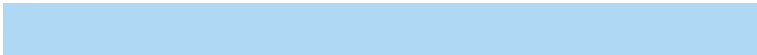
66.8306, 64.6369, 91.0629

Square

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



53.9171, 64.6369, 61.8590



58.3838, 64.6369, 95.3314



69.6221, 64.6369, 79.6466



64.5916, 64.6369, 50.2108

Rectangle

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



53.9171, 64.6369, 61.8590



54.3084, 64.6369, 82.5204



69.6221, 64.6369, 79.6466



69.1603, 64.6369, 59.4903

Sweetspot

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



53.9189, 64.6396, 61.8604



88.2674, 96.6624, 101.4010



58.1240, 67.0302, 51.9950



18.7413, 20.6152, 21.5338



0.0000, 0.0000, 0.0000



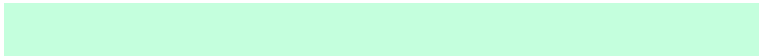
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9189, 64.6396, 61.8604



71.7319, 88.5491, 82.0562



56.4149, 65.6380, 75.0042



13.1170, 14.6984, 15.0790



16.2669, 30.5394, 11.5707



1.0964, 1.9955, 0.9739

Inverse Universe

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



56.0985, 51.3223, 62.8294



75.3231, 66.6036, 83.6501



53.8294, 50.4146, 50.8804



13.3663, 13.1756, 15.1901



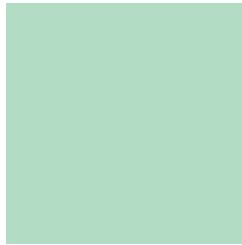
19.5786, 9.8325, 12.6931



1.3112, 0.6541, 1.0480

Previews

White Background



This preview shows how the XYZ color 53.9171, 64.6369, 61.8590 looks on a white background.

Color Contrast Check

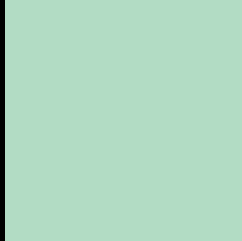
Large Text (above 18pt) WCAG AA × Fail

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 53.9171, 64.6369, 61.8590 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

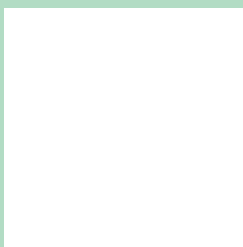
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9171, 64.6369, 61.8590

Background



This preview shows how black text looks on a background with the XYZ color 53.9171, 64.6369, 61.8590.



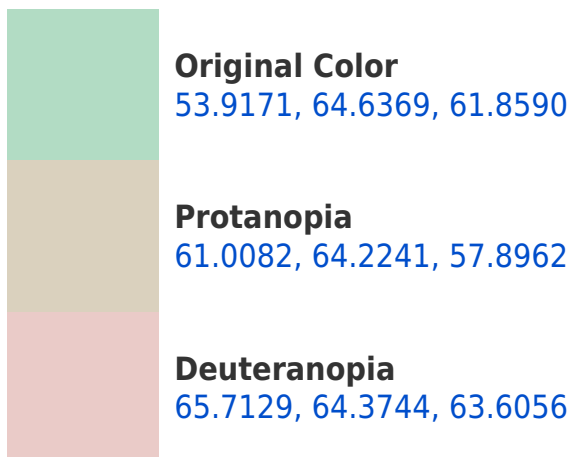
This preview shows how white text looks on a background with the XYZ color 53.9171, 64.6369,

61.8590.

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





Tritanopia

58.8735, 64.7414, 85.7373

Trichromacy



Original Color

53.9171, 64.6369, 61.8590

Protanomaly

57.9373, 64.0908, 59.1863

Deuteranomaly

60.8408, 64.0206, 63.1834

Tritanomaly

56.8904, 64.6853, 76.5049

Monochromacy



Original Color

53.9171, 64.6369, 61.8590

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.2129, 61.9596, 64.8738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9171, 64.6369, 61.8590 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(178, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 220, 196)  
}
```

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(178, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 220, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.9171, 64.6369, 61.8590 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(178, 220, 196) }
```


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

```
.border{ border-color:rgb(178, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 220,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9171, 64.6369, 61.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 220, 196) }
```

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

```
.background{ background-color: rgb(178,  
220, 196) }
```

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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