

Converting Colors

XYZ(53.8552, 66.4943, 60.9379)

Have a look what the booklet for
XYZ(53.8552, 66.4943, 60.9379)
contains.

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Color

**XYZ(53.8964, 66.6297,
61.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE1C2
RGB	173, 225, 194
RGB Percent	68%, 88%, 76%
CMY	0.3216, 0.1176, 0.2392
CMYK	0.23, 0.00, 0.14, 0.12
HSL	144°, 46%, 78%
HSV	144°, 23%, 88%
XYZ	53.8964, 66.6297, 61.0591
YIQ	205.9180, -21.0410, -20.6650

Conversions

Conversions Part 2

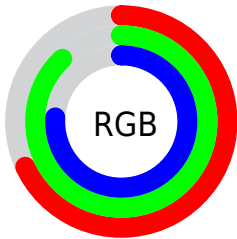
Format	Color
R _{YB}	173, 210, 225
Decimal	11395522
CIE Lab	85.32, -22.86, 9.76
CIE LCh	85, 24.854, 156.887
Yxy	66.6297, 0.2968, 0.3669
Android (android.graphics.Color)	4289585602 (0xFFADE1C2)
YUV	205.9180, -5.8756, -28.8691
Hunter-Lab	81.6270, -24.9879, 12.7885

Details

The XYZ color **53.8964, 66.6297, 61.0591** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.8963, 50.2560, 63.8312**, and the grayscale version is **58.6613, 61.7162, 67.2090**.

A 20% lighter version of the original color is **85.4857, 95.1430, 105.1257**, and **26.8541, 34.6360, 30.0810** is the 20% darker color. If you saturate the color by 10%, you get **47.8948, 63.7039, 53.2662**, and if you desaturate by 10%, it is **60.8756, 70.0474, 69.6105**.

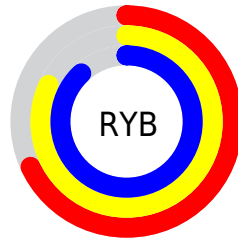
Distribution



Red (68%)

Green (88%)

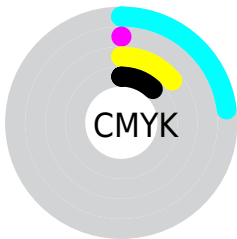
Blue (76%)



Red (68%)

Yellow (82%)

Blue (88%)

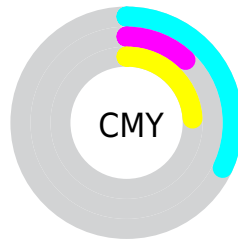


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (12%)



Cyan (32%)


Magenta (12%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8964, 66.6297, 61.0591 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 53.8964, 66.6297, 61.0591 by changing the saturation by 10% instead.


 53.8964, 66.6297,
61.0591

 53.8964, 66.6297,
61.0591


391.9196,
448.6255, 446.4032

 38.7492, 48.7838,
43.8420


 95.0799, 114.3896,
107.9229

 26.7445, 34.4480,
30.2100


121.8469,
145.0724, 138.4066

 17.5170, 23.2380,
19.7447


153.2179,
180.8030, 174.1497

 10.7014, 14.7693,
12.0273

189.5581,
221.9656, 215.5705

 5.9322, 8.6576,
6.6395

231.2331,
268.9448, 263.0878

 2.8442, 4.5186,
3.1627

278.6081,

 1.0719, 1.9677,

322.1250, 317.1200

1.1783

332.0485,
381.8904, 378.0856

0.0014, 0.5886,
0.0000

0.0000, 0.0000,
0.0000

53.8964, 66.6297,
61.0591

53.8964, 66.6297,
61.0591

47.8948, 63.7039,
53.2662

60.8756, 70.0474,
69.6105

42.8198, 61.2386,
46.2067

68.8692, 73.9702,
78.9359

38.6238, 59.2116,
39.8600

77.9191, 78.4209,
89.0561

35.2528, 57.5956,
34.2035

85.0568, 81.8691,
99.8489

■ 32.6465, 56.3597,
29.2128

■ 86.2165, 82.3329,
105.9555

■ 30.7356, 55.4689,
24.8623

■ 29.4369, 54.8808,
21.1241

■ 28.8089, 54.6059,
18.8880

Harmonies

Analogous

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



57.0586, 66.6297, 50.4926



53.8964, 66.6297, 61.0591



53.1902, 66.6297, 76.3254

Triad

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



53.8964, 66.6297, 61.0591



64.6350, 66.6297, 107.8380



72.3772, 66.6297, 55.5035

Complementary

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



53.8964, 66.6297, 61.0591



56.8963, 50.2560, 63.8312

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.



74.6819, 66.6297, 68.8982



53.8964, 66.6297, 61.0591



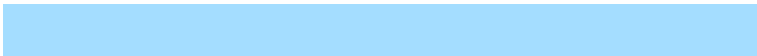
70.0438, 66.6297, 100.2411

Square

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



53.8964, 66.6297, 61.0591



59.1793, 66.6297, 104.9184



73.8037, 66.6297, 85.3955



67.6694, 66.6297, 47.6322

Rectangle

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



53.8964, 66.6297, 61.0591



54.1671, 66.6297, 87.4727



73.8037, 66.6297, 85.3955



73.4709, 66.6297, 59.4262

Sweetspot

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



53.8982, 66.6325, 61.0606



87.1188, 96.1038, 99.8317



59.4271, 69.7363, 49.8643



18.5076, 20.5017, 21.2059



0.0000, 0.0000, 0.0000



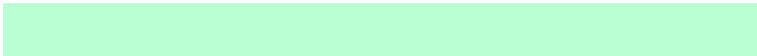
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8982, 66.6325, 61.0606



67.3699, 86.4364, 75.7073



57.0528, 67.8943, 77.6723



13.7570, 15.4285, 15.7556



16.6546, 31.4867, 11.1699



1.1979, 2.1999, 1.0032

Inverse Universe

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



56.8963, 50.2560, 63.8312



72.0479, 60.8752, 80.0244



54.0529, 49.1186, 48.8578



14.0485, 13.8370, 16.0256



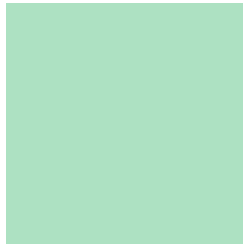
20.4377, 10.2421, 14.2366



1.4606, 0.7275, 1.2184

Previews

White Background



This preview shows how the XYZ color 53.8964, 66.6297, 61.0591 looks on a white background.

Color Contrast Check

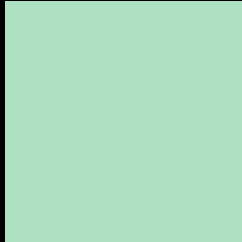
Large Text (above 18pt) WCAG AA × Fail

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 53.8964, 66.6297, 61.0591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

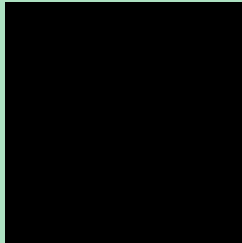
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

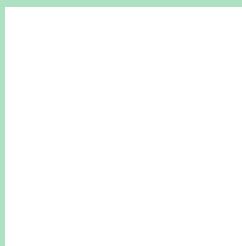
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8964, 66.6297, 61.0591

Background



This preview shows how black text looks on a background with the XYZ color 53.8964, 66.6297, 61.0591.

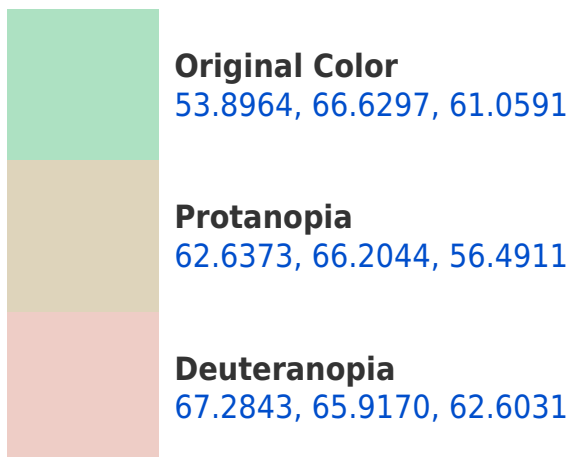


This preview shows how white text looks on a background with the XYZ color 53.8964, 66.6297, 61.0591.

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

59.5279, 66.5429, 89.0635

Trichromacy



Original Color

53.8964, 66.6297, 61.0591

Protanomaly

59.0090, 66.1808, 58.3793

Deuteranomaly

61.3531, 65.4143, 62.2159

Tritanomaly

57.2677, 66.3983, 78.2044

Monochromacy



Original Color

53.8964, 66.6297, 61.0591

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.7031, 63.3221, 65.1109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8964, 66.6297, 61.0591 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(173, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 225, 194)  
}
```

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(173, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 225, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.8964, 66.6297, 61.0591 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(173, 225, 194) }
```


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

```
.border{ border-color:rgb(173, 225, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 225, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 225,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8964, 66.6297, 61.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 225, 194) }
```

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

```
.background{ background-color: rgb(173,  
225, 194) }
```

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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