

Converting Colors

XYZ(50.2522, 56.9607, 53.6933)

Have a look what the booklet for
XYZ(50.2522, 56.9607, 53.6933)
contains.

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Color

**XYZ(50.2522, 56.9607,
53.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CCB8
RGB	185, 204, 184
RGB Percent	73%, 80%, 72%
CMY	0.2745, 0.2000, 0.2784
CMYK	0.09, 0.00, 0.10, 0.20
HSL	117°, 16%, 76%
HSV	117°, 10%, 80%
XYZ	50.2522, 56.9607, 53.6933
YIQ	196.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

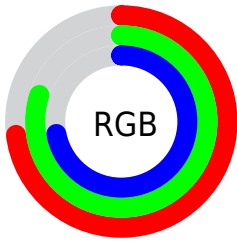
Format	Color
RYB	184, 204, 203
Decimal	12176568
CIELab	80.16, -10.17, 7.78
CIELCh	80, 12.802, 142.579
Yxy	56.9607, 0.3123, 0.3540
Android (android.graphics.Color)	4290366648 (0xFFB9CCB8)
YUV	196.0390, -5.9352, -9.6812
Hunter-Lab	75.4723, -13.2248, 10.6499

Details

The XYZ color **50.2522, 56.9607, 53.6933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6703, 51.3386, 64.2630**, and the grayscale version is **52.5306, 55.2663, 60.1850**.

A 20% lighter version of the original color is **87.7638, 96.5120, 96.4411**, and **24.5188, 28.3569, 25.6539** is the 20% darker color. If you saturate the color by 10%, you get **43.9053, 53.9199, 43.0269**, and if you desaturate by 10%, it is **57.5480, 60.4583, 66.0163**.

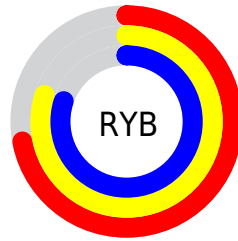
Distribution



Red (73%)

Green (80%)

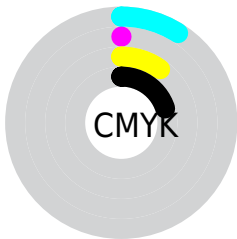
Blue (72%)



Red (72%)

Yellow (80%)

Blue (80%)

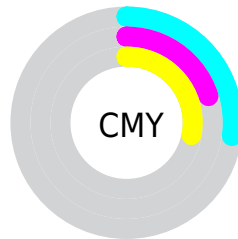


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2522, 56.9607, 53.6933 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 50.2522, 56.9607, 53.6933 by changing the saturation by 10% instead.

■ 50.2522, 56.9607,
53.6933

■ 50.2522, 56.9607,
53.6933

378.0871,
413.3020, 418.0809

■ 35.8324, 40.9737,
37.9650

■ 89.7380, 100.4078,
97.0756

■ 24.4743, 28.2985,
25.6539

115.5348,
128.6368, 125.5668

■ 15.8125, 18.5508,
16.3415

145.8546,
161.7151, 159.1492

■ 9.4816, 11.3462,
9.6091

181.0629,
200.0273, 198.2416

■ 5.1162, 6.3002,
5.0384

221.5249,
243.9577, 243.2624

■ 2.3511, 3.0285,
2.2107

267.6060,

■ 0.8206, 1.1466,

293.8906, 294.6302

0.6805

319.6716,
350.2106, 352.7635

■ 0.0000, 0.0174,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.2522, 56.9607,
53.6933

■ 50.2522, 56.9607,
53.6933

■ 43.9053, 53.9199,
43.0269

■ 57.5480, 60.4583,
66.0163

■ 38.4639, 51.3102,
33.9429

■ 65.8246, 64.4228,
80.0584

■ 33.8881, 49.1142,
26.3673

■ 75.1181, 68.8731,
95.8834

■ 30.1332, 47.3107,
20.2182

■ 80.8840, 71.6679,
104.1780

■ 27.1507, 45.8766,
15.4066

■ 24.8867, 44.7862,
11.8329

■ 23.2806, 44.0108,
9.3839

■ 22.2616, 43.5167,
7.9259

■ 21.7286, 43.2571,
7.2156

Harmonies

Analogous

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



52.2360, 56.9607, 49.6779



50.2522, 56.9607, 53.6933



49.3156, 56.9607, 60.1833

Triad

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



50.2522, 56.9607, 53.6933



53.4941, 56.9607, 77.3862



58.9049, 56.9607, 56.6660

Complementary

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



50.2522, 56.9607, 53.6933



52.6703, 51.3386, 64.2630

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.



59.2680, 56.9607, 63.8947



50.2522, 56.9607, 53.6933



56.0885, 56.9607, 76.2548

Square

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



50.2522, 56.9607, 53.6933



51.1479, 56.9607, 74.1449



58.2221, 56.9607, 71.1670



57.2454, 56.9607, 51.2956

Rectangle

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



50.2522, 56.9607, 53.6933



49.3893, 56.9607, 65.2024



58.2221, 56.9607, 71.1670



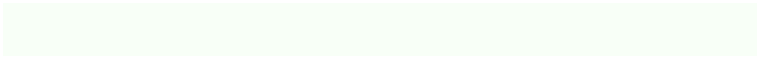
59.1847, 56.9607, 58.9438

Sweetspot

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



50.2538, 56.9631, 53.6945



91.2192, 98.1646, 102.4190



54.9120, 59.0127, 53.8446



19.3109, 20.9088, 21.5606



0.0000, 0.0000, 0.0000



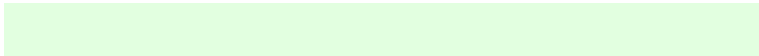
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2538, 56.9631, 53.6945



80.6108, 93.0809, 84.5235



50.9874, 57.2288, 58.8127



11.1191, 12.5633, 11.9184



13.6945, 27.2351, 4.5351



0.7251, 1.4146, 0.2348

Inverse Universe

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



52.6703, 51.3386, 64.2630



85.4928, 81.7176, 105.8749



51.8946, 51.0599, 58.7521



11.6300, 11.3741, 14.1528



20.8555, 9.9589, 36.7793



1.0933, 0.5227, 1.8982

Previews

White Background



This preview shows how the XYZ color 50.2522, 56.9607, 53.6933 looks on a white background.

Color Contrast Check

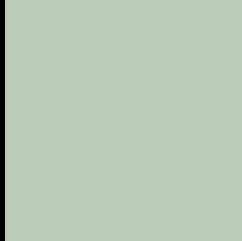
Large Text (above 18pt) WCAG AA × Fail

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 50.2522, 56.9607, 53.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

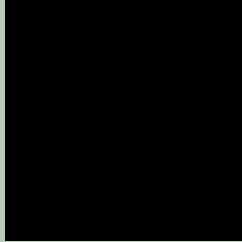
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

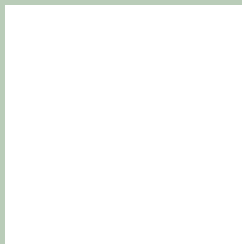
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2522, 56.9607, 53.6933

Background



This preview shows how black text looks on a background with the XYZ color 50.2522, 56.9607, 53.6933.



This preview shows how white text looks on a background with the XYZ color 50.2522, 56.9607,

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

50.2522, 56.9607, 53.6933

Protanopia

53.9882, 56.8462, 51.8430

Deuteranopia

57.8368, 56.7740, 54.3645



Tritanopia

53.9244, 56.7003, 72.3921

Trichromacy



Original Color

50.2522, 56.9607, 53.6933

Protanomaly

52.3865, 56.6917, 52.4375

Deuteranomaly

54.7914, 56.5379, 53.9240

Tritanomaly

52.5248, 56.8243, 65.3266

Monochromacy



Original Color

50.2522, 56.9607, 53.6933

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6761, 55.8591, 57.9274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2522, 56.9607, 53.6933 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, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 184)  
}
```

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, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.2522, 56.9607, 53.6933 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, 204, 184) }
```


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

```
.border{ border-color:rgb(185, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2522, 56.9607, 53.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 184) }
```

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

```
.background{ background-color: rgb(185,  
204, 184) }
```

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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