

Converting Colors

XYZ(52.5375, 58.9973, 56.1732)

Have a look what the booklet for
XYZ(52.5375, 58.9973, 56.1732)
contains.

XYZ(52.6251, 59.2036, 56.2308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6251, 59.2036,
56.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	BECFBC
RGB	190, 207, 188
RGB Percent	75%, 81%, 74%
CMY	0.2549, 0.1882, 0.2627
CMYK	0.08, 0.00, 0.09, 0.19
HSL	114°, 17%, 77%
HSV	114°, 9%, 81%
XYZ	52.6251, 59.2036, 56.2308
YIQ	199.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

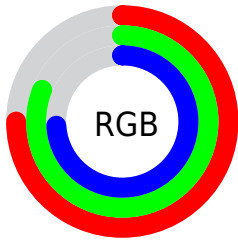
Format	Color
R _Y B	188, 207, 205
Decimal	12505020
CIE Lab	81.40, -9.27, 7.48
CIE LCh	81, 11.910, 141.117
Yxy	59.2036, 0.3131, 0.3523
Android (android.graphics.Color)	4290695100 (0xFFBECFBC)
YUV	199.7510, -5.7932, -8.5516
Hunter-Lab	76.9439, -12.5682, 10.5314

Details

The XYZ color **52.6251, 59.2036, 56.2308** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4249, 53.4523, 66.4833**, and the grayscale version is **54.7842, 57.6372, 62.7669**.

A 20% lighter version of the original color is **90.0952, 97.6445, 99.6867**, and **26.0809, 29.8501, 27.3087** is the 20% darker color. If you saturate the color by 10%, you get **46.2160, 56.1409, 45.1058**, and if you desaturate by 10%, it is **59.9456, 62.7025, 69.0718**.

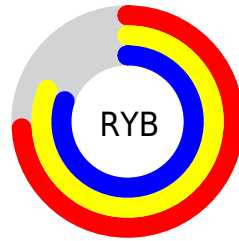
Distribution



Red (75%)

Green (81%)

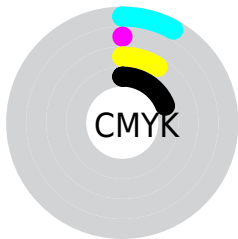
Blue (74%)



Red (74%)

Yellow (81%)

Blue (80%)

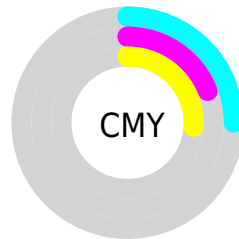


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6251, 59.2036, 56.2308 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 52.6251, 59.2036, 56.2308 by changing the saturation by 10% instead.

■ 52.6251, 59.2036,
56.2308

■ 52.6251, 59.2036,
56.2308

387.1296,
421.6560, 427.9734

■ 37.7298, 42.7770,
39.9828

■ 93.2213, 103.6735,
100.8311

■ 25.9493, 29.7102,
27.2114

119.6529,
132.4857, 130.0205

■ 16.9182, 19.6187,
17.4982

150.6607,
166.1951, 164.3607

■ 10.2712, 12.1182,
10.4247

186.6100,
205.1863, 204.2703

■ 5.6427, 6.8242,
5.5721

227.8662,
249.8436, 250.1678

■ 2.6677, 3.3524,
2.5222

274.7946,

■ 0.9806, 1.3184,

300.5514, 302.4718

0.8519

327.7606,
357.6940, 361.6009

■ 0.0000, 0.1554,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6251, 59.2036,
56.2308

■ 52.6251, 59.2036,
56.2308

■ 46.2160, 56.1409,
45.1058

■ 59.9456, 62.7025,
69.0718

■ 40.6778, 53.4901,
35.6204

■ 68.2062, 66.6460,
83.6929

■ 35.9742, 51.2358,
27.6984

■ 77.4403, 71.0514,
100.1600

■ 32.0647, 49.3589,
21.2557

■ 81.6040, 73.1079,
104.4180

■ 28.9052, 47.8387,
16.2007

■ 26.4470, 46.6524,
12.4314

■ 24.6362, 45.7745,
9.8319

■ 23.4102, 45.1759,
8.2653

■ 22.6835, 44.8174,
7.5038

Harmonies

Analogous

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



54.5635, 59.2036, 52.4963



52.6251, 59.2036, 56.2308



51.6711, 59.2036, 62.3679

Triad

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



52.6251, 59.2036, 56.2308



55.5350, 59.2036, 78.9850



60.8579, 59.2036, 59.6466

Complementary

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



52.6251, 59.2036, 56.2308



54.4249, 53.4523, 66.4833

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.



61.1366, 59.2036, 66.6038



52.6251, 59.2036, 56.2308



58.0143, 59.2036, 78.1219

Square

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



52.6251, 59.2036, 56.2308



53.3183, 59.2036, 75.7392



60.0820, 59.2036, 73.4611



59.3313, 59.2036, 54.3649

Rectangle

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



52.6251, 59.2036, 56.2308



51.7018, 59.2036, 67.1435



60.0820, 59.2036, 73.4611



61.1023, 59.2036, 61.8542

Sweetspot

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



52.6267, 59.2061, 56.2321



91.3689, 98.2418, 102.4260



56.5913, 60.4581, 56.2648



19.3511, 20.9296, 21.5625



0.0000, 0.0000, 0.0000



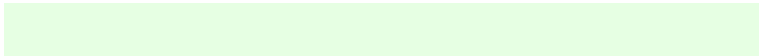
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6267, 59.2061, 56.2321



82.2197, 93.8700, 86.4221



52.9361, 59.2726, 60.4503



11.7701, 13.2649, 12.5521



14.3021, 28.2420, 4.6974



0.8398, 1.5998, 0.2645

Inverse Universe

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



54.4249, 53.4523, 66.4833



85.6679, 82.8354, 106.0814



54.1097, 53.3903, 61.9258



12.1832, 11.9432, 14.9068



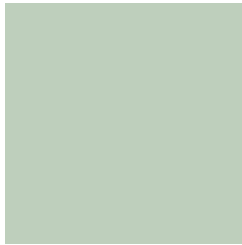
19.7827, 9.3787, 37.9601



1.1421, 0.5430, 2.1242

Previews

White Background



This preview shows how the XYZ color 52.6251, 59.2036, 56.2308 looks on a white background.

Color Contrast Check

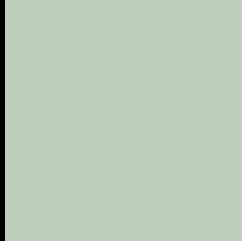
Large Text (above 18pt) WCAG AA × Fail

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 52.6251, 59.2036, 56.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

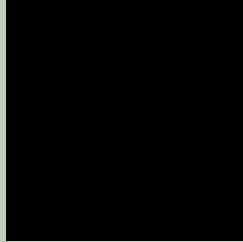
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6251, 59.2036, 56.2308

Background



This preview shows how black text looks on a background with the XYZ color 52.6251, 59.2036, 56.2308.



This preview shows how white text looks on a background with the XYZ color 52.6251, 59.2036, 56.2308.

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

52.6251, 59.2036, 56.2308

Protanopia

56.2219, 58.9777, 54.3196

Deuteranopia

60.1734, 58.9167, 56.9158



Tritanopia

56.6478, 59.4284, 75.5030

Trichromacy



Original Color

52.6251, 59.2036, 56.2308

Protanomaly

54.8475, 58.9536, 54.9428

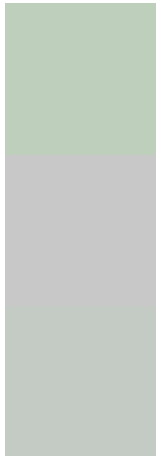
Deuteranomaly

57.0493, 58.6671, 56.4612

Tritanomaly

54.9704, 59.0773, 68.1803

Monochromacy



Original Color

52.6251, 59.2036, 56.2308

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0847, 58.4332, 60.6527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6251, 59.2036, 56.2308 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(190, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 188)  
}
```

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(190, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.6251, 59.2036, 56.2308 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(190, 207, 188) }
```


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

```
.border{ border-color:rgb(190, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6251, 59.2036, 56.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 188) }
```

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

```
.background{ background-color: rgb(190,  
207, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor