

Converting Colors

XYZ(52.8860, 57.5062, 56.5035)

Have a look what the booklet for
XYZ(52.8860, 57.5062, 56.5035)
contains.

XYZ(52.8115, 57.5173, 56.4626)	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(52.8115, 57.5173,
56.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CABD
RGB	195, 202, 189
RGB Percent	76%, 79%, 74%
CMY	0.2353, 0.2078, 0.2588
CMYK	0.03, 0.00, 0.06, 0.21
HSL	92°, 11%, 77%
HSV	92°, 6%, 79%
XYZ	52.8115, 57.5173, 56.4626
YIQ	198.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

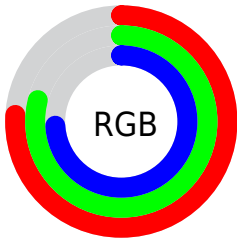
Format	Color
R _{YB}	189, 202, 196
Decimal	12831421
CIE Lab	80.47, -4.76, 5.65
CIE LCh	80, 7.387, 130.146
Yxy	57.5173, 0.3166, 0.3448
Android (android.graphics.Color)	4291021501 (0xFFC3CABD)
YUV	198.4250, -4.6465, -3.0037
Hunter-Lab	75.8402, -8.4213, 8.9470

Details

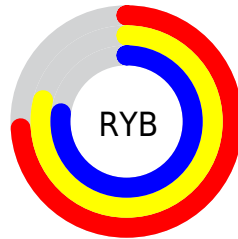
The XYZ color **52.8115, 57.5173, 56.4626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6255, 52.3968, 63.2728**, and the grayscale version is **53.9639, 56.7742, 61.8271**.

A 20% lighter version of the original color is **92.3863, 98.8080, 100.5888**, and **26.0183, 28.6201, 27.4455** is the 20% darker color. If you saturate the color by 10%, you get **48.0605, 55.3057, 45.5803**, and if you desaturate by 10%, it is **58.0760, 59.9617, 68.9656**.

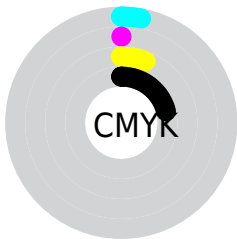
Distribution



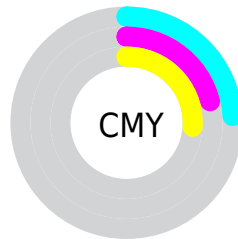
- Red (76%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8115, 57.5173, 56.4626 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 52.8115, 57.5173, 56.4626 by changing the saturation by 10% instead.

■ 52.8115, 57.5173,
56.4626

■ 52.8115, 57.5173,
56.4626

387.8342,
415.3849, 428.8697

■ 37.8792, 41.4207,
40.1675

■ 93.4941, 101.2196,
101.1732

■ 26.0657, 28.6480,
27.3544

119.9751,
129.5941, 130.4257

■ 17.0058, 18.8147,
17.6047

151.0364,
162.8300, 164.8344

■ 10.3339, 11.5364,
10.5001

187.0433,
201.3118, 204.8178

■ 5.6849, 6.4289,
5.6219

228.3611,
245.4237, 250.7945

■ 2.6933, 3.1076,
2.5515

275.3553,

■ 0.9937, 1.1882,

295.5503, 303.1830

0.8673

328.3913,
352.0759, 362.4019

■ 0.0000, 0.0520,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8115, 57.5173,
56.4626

■ 52.8115, 57.5173,
56.4626

■ 48.0605, 55.3057,
45.5803

■ 58.0760, 59.9617,
68.9656

■ 43.8014, 53.3122,
36.2485

■ 63.8653, 62.6382,
83.1480

■ 40.0179, 51.5316,
28.3978

■ 70.1962, 65.5561,
99.0703

■ 36.6908, 49.9556,
21.9517

■ 74.6072, 67.7310,
103.7489

■ 33.7996, 48.5756,
16.8269

■ 78.3823, 69.6772,
103.9256

■ 31.3218, 47.3819,
12.9315

■ 80.4117, 70.7234,
104.0206

■ 29.2326, 46.3640,
10.1614

■ 27.5034, 45.5099,
8.3959

■ 26.0992, 44.8048,
7.4793

Harmonies

Analogous

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



54.1568, 57.5173, 54.7670



52.8115, 57.5173, 56.4626



51.9737, 57.5173, 59.8354

Triad

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



52.8115, 57.5173, 56.4626



53.6850, 57.5173, 70.8068



57.5868, 57.5173, 61.1682

Complementary

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



52.8115, 57.5173, 56.4626



51.6255, 52.3968, 63.2728

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.



57.4548, 57.5173, 65.5033



52.8115, 57.5173, 56.4626



55.1833, 57.5173, 71.2042

Square

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



52.8115, 57.5173, 56.4626



52.4715, 57.5173, 68.1617



56.5685, 57.5173, 69.2236



56.9259, 57.5173, 57.3995

Rectangle

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



52.8115, 57.5173, 56.4626



51.8065, 57.5173, 62.6479



56.5685, 57.5173, 69.2236



57.6339, 57.5173, 62.6053

Sweetspot

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



52.8131, 57.5198, 56.4639



93.2362, 99.1586, 104.5857



53.2696, 55.6827, 56.0852



19.9754, 21.2329, 22.4308



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.



52.8131, 57.5198, 56.4639



88.0101, 96.7303, 92.3268



51.3409, 56.7554, 56.6410



11.5517, 12.7863, 11.9386



16.6091, 28.7376, 4.6715



0.9441, 1.5275, 0.2451

Inverse Universe

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



51.6255, 52.3968, 63.2728



85.5055, 85.9262, 106.6865



53.1663, 53.1971, 63.0773



11.1693, 11.1366, 14.1313



11.0064, 4.8815, 36.3184



0.6548, 0.2967, 1.8777

Previews

White Background



This preview shows how the XYZ color 52.8115, 57.5173, 56.4626 looks on a white background.

Color Contrast Check

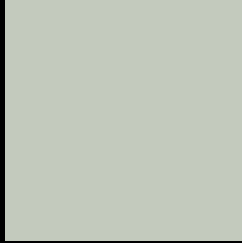
Large Text (above 18pt) WCAG AA × Fail

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 52.8115, 57.5173, 56.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

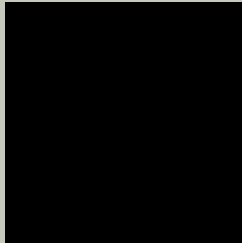
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

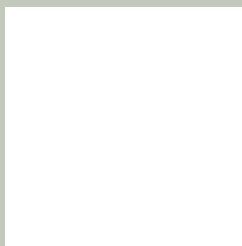
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8115, 57.5173, 56.4626

Background



This preview shows how black text looks on a background with the XYZ color 52.8115, 57.5173, 56.4626.



This preview shows how white text looks on a background with the XYZ color 52.8115, 57.5173,

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

52.8115, 57.5173, 56.4626

Protanopia

54.8467, 57.5565, 55.2325

Deuteranopia

58.5981, 57.4311, 57.2871



Tritanopia

55.8849, 57.3853, 71.7494

Trichromacy



Original Color

52.8115, 57.5173, 56.4626

Protanomaly

54.0885, 57.4959, 55.8240

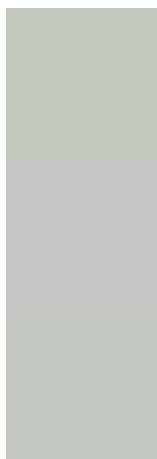
Deuteranomaly

56.1856, 57.1946, 56.7936

Tritanomaly

54.7316, 57.2604, 65.9253

Monochromacy



Original Color

52.8115, 57.5173, 56.4626

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2997, 56.6573, 59.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8115, 57.5173, 56.4626 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(195, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 189)  
}
```

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(195, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.8115, 57.5173, 56.4626 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(195, 202, 189) }
```


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

```
.border{ border-color:rgb(195, 202, 189) }
```

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

Here you see how a box with a 4 pixel rgb(195, 202, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8115, 57.5173, 56.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 189) }
```

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

```
.background{ background-color: rgb(195,  
202, 189) }
```

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