

Converting Colors

XYZ(52.3540, 53.2120, 56.6325)

Have a look what the booklet for
XYZ(52.3540, 53.2120, 56.6325)
contains.

XYZ(52.4460, 53.2850, 56.8110)	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(52.4460, 53.2850,
56.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBEBF
RGB	203, 190, 191
RGB Percent	80%, 75%, 75%
CMY	0.2039, 0.2549, 0.2510
CMYK	0.00, 0.06, 0.06, 0.20
HSL	355°, 11%, 77%
HSV	355°, 6%, 80%
XYZ	52.4460, 53.2850, 56.8110
YIQ	194.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

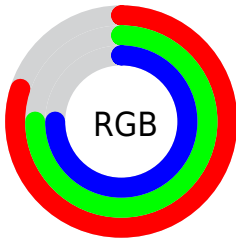
Format	Color
R_{YB}	203, 190, 191
Decimal	13352639
CIE _{Lab}	78.04, 4.75, 1.13
CIE _{LCh}	78, 4.880, 13.419
Yxy	53.2850, 0.3227, 0.3278
Android (android.graphics.Color)	4291542719 (0xFFCBBEBF)
YUV	194.0010, -1.4795, 7.8921
Hunter-Lab	72.9966, 0.5033, 4.9540

Details

The XYZ color **52.4460, 53.2850, 56.8110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2538, 57.9246, 64.2538**, and the grayscale version is **51.2854, 53.9562, 58.7583**.

A 20% lighter version of the original color is **90.9843, 93.8869, 101.3223**, and **25.9275, 26.1159, 27.7191** is the 20% darker color. If you saturate the color by 10%, you get **46.4195, 44.3240, 45.2683**, and if you desaturate by 10%, it is **59.3519, 63.5810, 69.9505**.

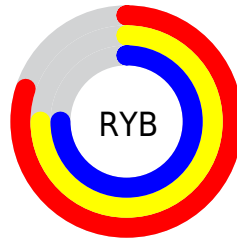
Distribution



Red (80%)

Green (75%)

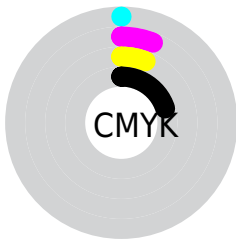
Blue (75%)



Red (80%)

Yellow (75%)

Blue (75%)

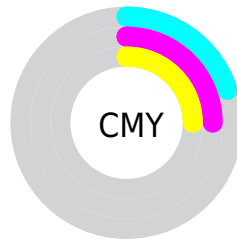


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4460, 53.2850, 56.8110 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 52.4460, 53.2850, 56.8110 by changing the saturation by 10% instead.


 52.4460, 53.2850,
56.8110

 52.4460, 53.2850,
56.8110


386.4517,
399.3776, 430.2146

 37.5864, 38.0303,
40.4452


 92.9590, 95.0236,
101.6870

 25.8376, 26.0062,
27.5694


119.3431,
122.2763, 131.0342

 16.8342, 16.8283,
17.7651


150.2994,
154.2972, 165.5456

 10.2109, 10.1122,
10.6138

186.1933,
191.4706, 205.6397

 5.6024, 5.4734,
5.6969

227.3902,
234.1810, 251.7352

 2.6432, 2.5276,
2.5959

274.2553,

 0.9680, 0.8904,

282.8127, 304.2504

0.8903

327.1540,
337.7501, 363.6041

■ 0.0000, 0.0000,
0.0000

■ 52.4460, 53.2850,
56.8110

■ 52.4460, 53.2850,
56.8110

■ 46.4195, 44.3240,
45.2683

■ 59.3519, 63.5810,
69.9505

■ 41.2328, 36.6367,
35.2583

■ 67.1659, 75.2563,
84.7409

■ 36.8499, 30.1675,
26.7176

■ 75.9209, 88.3616,
101.2380

■ 33.2306, 24.8538,
19.5768

■ 78.4389, 91.4367,
108.1226

■ 30.3310, 20.6275,
13.7613

■ 28.1029, 17.4135,
9.1894

■ 26.4921, 15.1268,
5.7701

■ 25.4359, 13.6690,
3.4003

■ 24.8560, 12.9143,
1.9574

Harmonies

Analogous

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



52.4193, 53.2850, 59.5262



52.4460, 53.2850, 56.8110



51.9861, 53.2850, 54.4915

Triad

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



52.4460, 53.2850, 56.8110



49.3989, 53.2850, 54.2957



50.1256, 53.2850, 63.1855

Complementary

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



52.4460, 53.2850, 56.8110



53.2538, 57.9246, 64.2538

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.



49.3287, 53.2850, 61.6941



52.4460, 53.2850, 56.8110



48.9128, 53.2850, 56.5361

Square

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



52.4460, 53.2850, 56.8110



50.2225, 53.2850, 53.0703



48.8873, 53.2850, 59.2426



51.0715, 53.2850, 63.2647

Rectangle

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



52.4460, 53.2850, 56.8110



51.4687, 53.2850, 53.4582



48.8873, 53.2850, 59.2426



49.8317, 53.2850, 62.8306

Sweetspot

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



52.4475, 53.2873, 56.8121



92.6955, 96.4895, 104.4207



53.5291, 53.6860, 64.0417



19.8653, 20.6895, 22.3973



0.0000, 0.0000, 0.0000



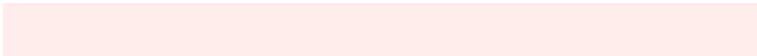
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4475, 53.2873, 56.8121



85.9981, 86.5135, 91.6481



53.5330, 55.6332, 56.6348



11.2466, 11.2274, 11.8335



15.7443, 8.1083, 1.1062



0.8246, 0.4233, 0.1224

Inverse Universe

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



52.4475, 53.2873, 56.8121



85.9981, 86.5135, 91.6481



52.1156, 55.4588, 64.4584



11.2466, 11.2274, 11.8335



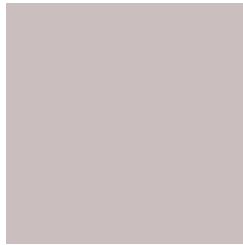
15.7443, 8.1083, 1.1062



0.8246, 0.4233, 0.1224

Previews

White Background



This preview shows how the XYZ color 52.4460, 53.2850, 56.8110 looks on a white background.

Color Contrast Check

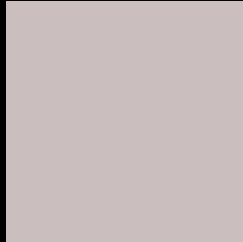
Large Text (above 18pt) WCAG AA × Fail

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 52.4460, 53.2850, 56.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

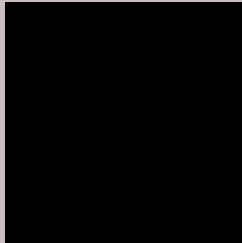
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

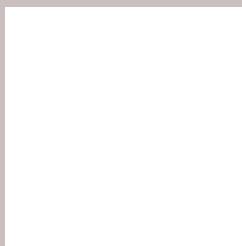
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4460, 53.2850, 56.8110

Background



This preview shows how black text looks on a background with the XYZ color 52.4460, 53.2850, 56.8110.



This preview shows how white text looks on a background with the XYZ color 52.4460, 53.2850,

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

52.4460, 53.2850, 56.8110

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

54.4361, 53.3435, 57.2964



Tritanopia

53.9395, 53.2574, 63.9367

Trichromacy



Original Color

52.4460, 53.2850, 56.8110

Protanomaly

51.6984, 53.2095, 57.4148

Deuteranomaly

53.7921, 53.3275, 57.3273

Tritanomaly

53.4082, 53.3561, 61.5167

Monochromacy



Original Color

52.4460, 53.2850, 56.8110

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.7216, 53.8605, 58.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4460, 53.2850, 56.8110 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(203, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 191)  
}
```

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(203, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 191) }
```

Border

The CSS property to change the border of an element to XYZ 52.4460, 53.2850, 56.8110 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(203, 190, 191) }
```


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

```
.border{ border-color:rgb(203, 190, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 190,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4460, 53.2850, 56.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 191) }
```

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

```
.background{ background-color: rgb(203,  
190, 191) }
```

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