

Converting Colors

XYZ(52.3580, 52.2045, 56.0051)

Have a look what the booklet for
XYZ(52.3580, 52.2045, 56.0051)
contains.

XYZ(52.5182, 52.3802, 56.0576)	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(52.5182, 52.3802,
56.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBBBE
RGB	206, 187, 190
RGB Percent	81%, 73%, 75%
CMY	0.1922, 0.2666, 0.2549
CMYK	0.00, 0.09, 0.08, 0.19
HSL	351°, 16%, 77%
HSV	351°, 9%, 81%
XYZ	52.5182, 52.3802, 56.0576
YIQ	193.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

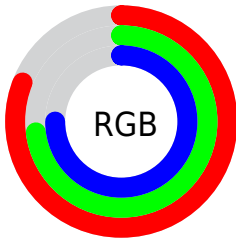
Format	Color
R _Y B	206, 187, 190
Decimal	13548478
CIE Lab	77.51, 7.24, 0.92
CIE LCh	78, 7.301, 7.274
Yxy	52.3802, 0.3263, 0.3254
Android (android.graphics.Color)	4291738558 (0xFFCEBBBE)
YUV	193.0230, -1.4903, 11.3808
Hunter-Lab	72.3742, 2.8735, 4.7387

Details

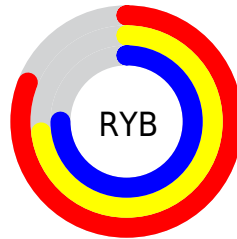
The XYZ color **52.5182, 52.3802, 56.0576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3463, 59.0205, 65.0833**, and the grayscale version is **50.7076, 53.3483, 58.0963**.

A 20% lighter version of the original color is **89.9251, 92.0150, 100.2099**, and **25.9893, 25.5317, 27.2252** is the 20% darker color. If you saturate the color by 10%, you get **46.6729, 43.5455, 45.3033**, and if you desaturate by 10%, it is **59.2192, 62.5636, 68.2122**.

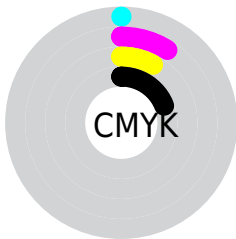
Distribution



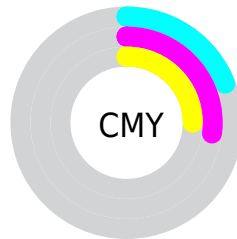
- Red (81%)
- Green (73%)
- Blue (75%)



- Red (81%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5182, 52.3802, 56.0576 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 52.5182, 52.3802, 56.0576 by changing the saturation by 10% instead.


 52.5182, 52.3802,
56.0576

 52.5182, 52.3802,
56.0576


386.7251,
395.9026, 427.3029

 37.6442, 37.3082,
39.8448

 93.0647, 93.6917,
100.5754

 25.8826, 25.4462,
27.1047


119.4680,
120.7000, 129.7175

 16.8681, 16.4098,
17.4187

150.4451,
152.4559, 164.0065

 10.2352, 9.8146,
10.3684

186.3613,
189.3438, 203.8608

 5.6186, 5.2762,
5.5351

227.5821,
231.7480, 249.6991

 2.6530, 2.4102,
2.5003

274.4727,

 0.9731, 0.8311,

280.0529, 301.9399

0.8403

327.3986,
334.6430, 361.0016

■ 0.0000, 0.0000,
0.0000

■ 52.5182, 52.3802,
56.0576

■ 52.5182, 52.3802,
56.0576

■ 46.6729, 43.5455,
45.3033

■ 59.2192, 62.5636,
68.2122

■ 41.6443, 35.9962,
35.8956

■ 66.8039, 74.1418,
81.8117

■ 37.3972, 29.6746,
27.7822

■ 75.3045, 87.1671,
96.9026

■ 33.8919, 24.5154,
20.9059

■ 79.2639, 91.8620,
108.1612

■ 31.0852, 20.4476,
15.2056

■ 28.9294, 17.3922,
10.6146

■ 27.3708, 15.2596,
7.0594

■ 26.3466, 13.9444,
4.4575

■ 25.7578, 13.2714,
2.7057

Harmonies

Analogous

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



52.3233, 52.3802, 60.0793



52.5182, 52.3802, 56.0576



51.9700, 52.3802, 52.4678

Triad

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



52.5182, 52.3802, 56.0576



48.1651, 52.3802, 51.0866



48.7479, 52.3802, 64.4831

Complementary

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



52.5182, 52.3802, 56.0576



53.3463, 59.0205, 65.0833

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.



47.6637, 52.3802, 61.8559



52.5182, 52.3802, 56.0576



47.3317, 52.3802, 54.0917

Square

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



52.5182, 52.3802, 56.0576



49.4440, 52.3802, 49.6868



47.1499, 52.3802, 58.0199



50.1292, 52.3802, 65.0700

Rectangle

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



52.5182, 52.3802, 56.0576



51.2629, 52.3802, 50.7595



47.1499, 52.3802, 58.0199



48.3374, 52.3802, 63.8035

Sweetspot

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



52.5197, 52.3825, 56.0587



91.6377, 94.8077, 102.7303



53.4958, 52.6724, 65.7404



19.4238, 20.0032, 21.6433



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.



52.5197, 52.3825, 56.0587



83.1722, 81.9615, 87.3154



53.5686, 54.9991, 54.8091



11.2833, 11.2420, 12.0264



15.8616, 8.1552, 1.7239



0.8416, 0.4301, 0.2119

Inverse Universe

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



52.5197, 52.3825, 56.0587



83.1722, 81.9615, 87.3154



52.2131, 56.1771, 66.4845



11.2833, 11.2420, 12.0264



15.8616, 8.1552, 1.7239



0.8416, 0.4301, 0.2119

Previews

White Background



This preview shows how the XYZ color 52.5182, 52.3802, 56.0576 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 52.5182, 52.3802, 56.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

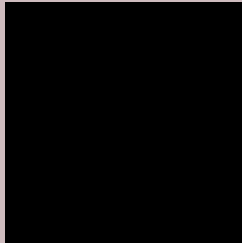
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5182, 52.3802, 56.0576

Background



This preview shows how black text looks on a background with the XYZ color 52.5182, 52.3802, 56.0576.



This preview shows how white text looks on a background with the XYZ color 52.5182, 52.3802,

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

52.5182, 52.3802, 56.0576

Protanopia

50.6509, 52.6695, 57.3658

Deuteranopia

53.2216, 52.1173, 55.9698



Tritanopia

53.5064, 52.1335, 61.8863

Trichromacy



Original Color

52.5182, 52.3802, 56.0576

Protanomaly

51.3706, 52.7306, 56.7607

Deuteranomaly

53.1477, 52.3908, 56.0265

Tritanomaly

53.2548, 52.3687, 59.5259

Monochromacy



Original Color

52.5182, 52.3802, 56.0576

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4339, 53.0731, 57.4025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5182, 52.3802, 56.0576 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(206, 187, 190) looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 190)  
}
```

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(206, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.5182, 52.3802, 56.0576 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(206, 187, 190) }
```


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

```
.border{ border-color:rgb(206, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5182, 52.3802, 56.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 190) }
```

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

```
.background{ background-color: rgb(206,  
187, 190) }
```

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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