

Converting Colors

XYZ(56.8170, 52.8697, 52.4547)

Have a look what the booklet for
XYZ(56.8170, 52.8697, 52.4547)
contains.

XYZ(56.8542, 52.8393, 52.5499)	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(56.8542, 52.8393,
52.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B5B8
RGB	227, 181, 184
RGB Percent	89%, 71%, 72%
CMY	0.1098, 0.2902, 0.2784
CMYK	0.00, 0.20, 0.19, 0.11
HSL	356°, 45%, 80%
HSV	356°, 20%, 89%
XYZ	56.8542, 52.8393, 52.5499
YIQ	195.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

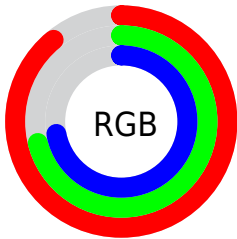
Format	Color
R _Y B	227, 181, 184
Decimal	14923192
CIE Lab	77.78, 17.06, 4.81
CIE LCh	78, 17.728, 15.743
Yxy	52.8393, 0.3504, 0.3257
Android (android.graphics.Color)	4293113272 (0xFFE3B5B8)
YUV	195.0960, -5.4703, 27.9798
Hunter-Lab	72.6906, 12.4032, 8.0212

Details

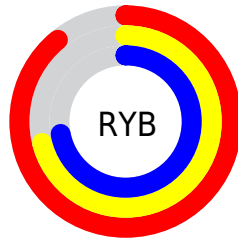
The XYZ color **56.8542, 52.8393, 52.5499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.9818, 70.1451, 80.9024**, and the grayscale version is **51.9507, 54.6562, 59.5206**.

A 20% lighter version of the original color is **87.2524, 88.1196, 94.8482**, and **28.6105, 25.7350, 24.9321** is the 20% darker color. If you saturate the color by 10%, you get **50.5490, 43.5255, 40.2841**, and if you desaturate by 10%, it is **64.2481, 63.7954, 66.8262**.

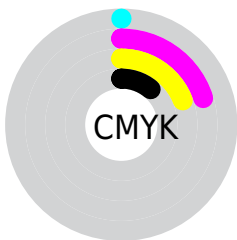
Distribution



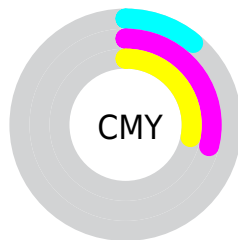
- Red (89%)
- Green (71%)
- Blue (72%)



- Red (89%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8542, 52.8393, 52.5499 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 56.8542, 52.8393, 52.5499 by changing the saturation by 10% instead.


 56.8542, 52.8393,
52.5499

 56.8542, 52.8393,
52.5499

402.9258,
397.6683, 413.5731

 41.1279, 37.6745,
37.0583

 99.3850, 94.3679,
95.3765

 28.6071, 25.7302,
24.9565


126.9202,
121.5004, 123.5487

 18.9266, 16.6219,
15.8259


159.1224,
153.3910, 156.7848

 11.7209, 9.9653,
9.2480

196.3569,
190.4240, 195.5033

 6.6248, 5.3759,
4.8043

238.9892,
232.9838, 240.1229

 3.2728, 2.4695,
2.0762

287.3845,

 1.2996, 0.8613,

281.4549, 291.0620

0.6015

341.9083,
336.2216, 348.7392

■ 0.1829, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8542, 52.8393,
52.5499

■ 56.8542, 52.8393,
52.5499

■ 50.5490, 43.5255,
40.2841

■ 64.2481, 63.7954,
66.8262

■ 45.2769, 35.7681,
29.9353

■ 72.7741, 76.4600,
83.1942

■ 40.9840, 29.4844,
21.4077

■ 82.4786, 90.9043,
101.7345

■ 37.6100, 24.5811,
14.5957

■ 85.4888, 95.0710,
108.4525

■ 35.0875, 20.9542,
9.3831

■ 33.3402, 18.4851,
5.6390

■ 32.2779, 17.0329,
3.2119

■ 31.7635, 16.3649,
1.9286

Harmonies

Analogous

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



56.9024, 52.8393, 62.3205



56.8542, 52.8393, 52.5499



54.9761, 52.8393, 45.0160

Triad

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



56.8542, 52.8393, 52.5499



45.6368, 52.8393, 45.3111



48.6124, 52.8393, 77.8920

Complementary

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



56.8542, 52.8393, 52.5499



59.9818, 70.1451, 80.9024

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.



45.7505, 52.8393, 72.1786



56.8542, 52.8393, 52.5499



44.0864, 52.8393, 52.9972

Square

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



56.8542, 52.8393, 52.5499



48.4507, 52.8393, 41.1735



44.1270, 52.8393, 62.8216



52.0363, 52.8393, 77.7367

Rectangle

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



56.8542, 52.8393, 52.5499



52.9860, 52.8393, 41.9472



44.1270, 52.8393, 62.8216



47.5561, 52.8393, 76.5681

Sweetspot

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



56.8557, 52.8417, 52.5510



88.1437, 89.7364, 95.6569



61.1104, 54.4329, 79.9594



18.7126, 18.9789, 20.1791



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.



56.8557, 52.8417, 52.5510



70.6557, 63.8220, 61.8919



60.8918, 61.4112, 52.3632



14.4149, 14.3831, 15.1192



18.5391, 9.5499, 1.2022



1.3834, 0.7111, 0.1597

Inverse Universe

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



56.8557, 52.8417, 52.5510



70.6557, 63.8220, 61.8919



55.2522, 60.0298, 81.3485



14.4149, 14.3831, 15.1192



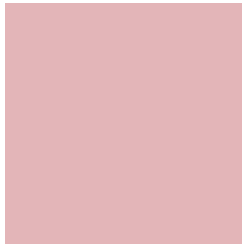
18.5391, 9.5499, 1.2022



1.3834, 0.7111, 0.1597

Previews

White Background



This preview shows how the XYZ color 56.8542, 52.8393, 52.5499 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 56.8542, 52.8393, 52.5499 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 56.8542, 52.8393, 52.5499

Background



This preview shows how black text looks on a background with the XYZ color 56.8542, 52.8393, 52.5499.



This preview shows how white text looks on a background with the XYZ color 56.8542, 52.8393,

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

56.8542, 52.8393, 52.5499

Protanopia

50.9089, 53.1527, 56.2915

Deuteranopia

54.1305, 52.9838, 52.1737



Tritanopia

57.9418, 52.9868, 57.6257

Trichromacy



Original Color

56.8542, 52.8393, 52.5499

Protanomaly

52.7924, 52.8627, 54.9980

Deuteranomaly

54.9012, 52.7599, 52.0898

Tritanomaly

57.6104, 52.8542, 55.8807

Monochromacy



Original Color

56.8542, 52.8393, 52.5499

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5496, 53.8539, 56.8627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8542, 52.8393, 52.5499 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(227, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 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(227, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.8542, 52.8393, 52.5499 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(227, 181, 184) }
```


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

```
.border{ border-color:rgb(227, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8542, 52.8393, 52.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 184) }
```

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

```
.background{ background-color: rgb(227,  
181, 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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