

Converting Colors

XYZ(58.8922, 59.3625, 52.7864)

Have a look what the booklet for
XYZ(58.8922, 59.3625, 52.7864)
contains.

XYZ(58.7618, 59.2952, 52.6040)	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(58.7618, 59.2952,
52.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC6B6
RGB	222, 198, 182
RGB Percent	87%, 78%, 71%
CMY	0.1294, 0.2235, 0.2863
CMYK	0.00, 0.11, 0.18, 0.13
HSL	24°, 38%, 79%
HSV	24°, 18%, 87%
XYZ	58.7618, 59.2952, 52.6040
YIQ	203.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

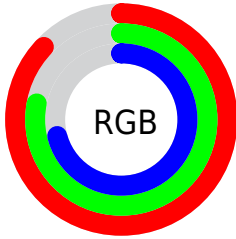
Format	Color
R _Y B	222, 209, 182
Decimal	14599862
CIE Lab	81.45, 5.89, 11.09
CIE LCh	81, 12.556, 62.033
Yxy	59.2952, 0.3443, 0.3474
Android (android.graphics.Color)	4292789942 (0xFFDEC6B6)
YUV	203.3520, -10.5265, 16.3543
Hunter-Lab	77.0034, 1.4587, 13.3991

Details

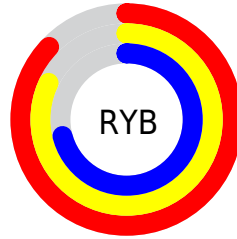
The XYZ color **58.7618, 59.2952, 52.6040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5472, 59.3602, 77.6904**, and the grayscale version is **57.0429, 60.0136, 65.3548**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.8721, 29.7470, 24.9362** is the 20% darker color. If you saturate the color by 10%, you get **53.7359, 52.6283, 40.4928**, and if you desaturate by 10%, it is **64.4223, 66.6483, 66.7226**.

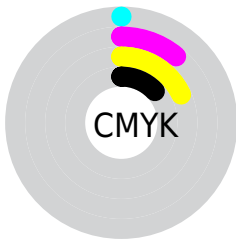
Distribution



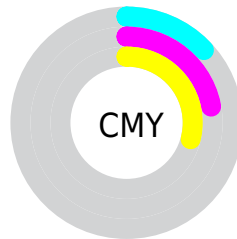
- Red (87%)
- Green (78%)
- Blue (71%)



- Red (87%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7618, 59.2952, 52.6040 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 58.7618, 59.2952, 52.6040 by changing the saturation by 10% instead.


 58.7618, 59.2952,
52.6040

 58.7618, 59.2952,
52.6040


409.9269,
421.9950, 413.7871

 42.6670, 42.8508,
37.1012


 102.1480,
103.8066, 95.4570

 29.8173, 29.7681,
24.9894


130.1701,
132.6424, 123.6443

 19.8474, 19.6626,
15.8502


162.8988,
166.3774, 156.8969

 12.3918, 12.1500,
9.2650

200.6993,
205.3960, 195.6332

 7.0852, 6.8459,
4.8153

243.9370,
250.0827, 240.2718

 3.5622, 3.3659,
2.0825

292.9772,

 1.4576, 1.3256,

300.8219, 291.2313

0.6053

348.1854,
357.9978, 348.9302

■ 0.2967, 0.1609,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7618, 59.2952,
52.6040

■ 58.7618, 59.2952,
52.6040

■ 53.7359, 52.6283,
40.4928

■ 64.4223, 66.6483,
66.7226

■ 49.3160, 46.6191,
30.2929

■ 70.7353, 74.6991,
82.9310

■ 45.4779, 41.2485,
21.9058

■ 77.7236, 83.4692,
101.3119

■ 42.1941, 36.4935,
15.2228

■ 82.7579, 91.9166,
107.9876

■ 39.4343, 32.3296,
10.1233

■ 83.9344, 94.2697,
108.3798

■ 37.1648, 28.7302,
6.4705

■ 35.3471, 25.6659,
4.1039

■ 33.9294, 23.1012,
2.7971

■ 33.6822, 22.6453,
2.5957

Harmonies

Analogous

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



60.7522, 59.2952, 57.1857



58.7618, 59.2952, 52.6040



56.1793, 59.2952, 51.1510

Triad

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



58.7618, 59.2952, 52.6040



51.4570, 59.2952, 65.0771



59.0816, 59.2952, 77.6263

Complementary

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



58.7618, 59.2952, 52.6040



54.5472, 59.3602, 77.6904

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.



56.5377, 59.2952, 80.1343



58.7618, 59.2952, 52.6040



52.1816, 59.2952, 72.5477

Square

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



58.7618, 59.2952, 52.6040



52.0115, 59.2952, 58.0097



54.0213, 59.2952, 78.2082



60.9408, 59.2952, 71.5909

Rectangle

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



58.7618, 59.2952, 52.6040



54.4836, 59.2952, 52.0534



54.0213, 59.2952, 78.2082



58.2755, 59.2952, 78.9301

Sweetspot

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



58.7634, 59.2979, 52.6052



90.6729, 94.4225, 97.6478



57.9934, 53.4425, 65.6520



19.2800, 20.0467, 20.5748



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.



58.7634, 59.2979, 52.6052



77.4851, 77.2748, 64.8036



63.6396, 69.0503, 54.2307



14.1551, 14.5961, 14.3781



20.1084, 13.6547, 1.5758



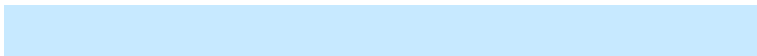
1.4797, 1.1183, 0.1379

Inverse Universe

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



54.5472, 59.3602, 77.6904



70.5894, 77.3740, 105.8220



50.0359, 50.3376, 76.1867



13.6325, 14.6041, 17.4880



12.9394, 13.3483, 42.9429



0.9838, 1.0990, 3.0055

Previews

White Background



This preview shows how the XYZ color 58.7618, 59.2952, 52.6040 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 58.7618, 59.2952, 52.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

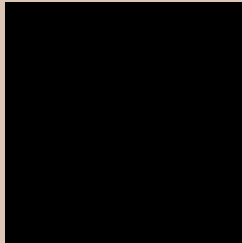
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7618, 59.2952, 52.6040

Background



This preview shows how black text looks on a background with the XYZ color 58.7618, 59.2952, 52.6040.



This preview shows how white text looks on a background with the XYZ color 58.7618, 59.2952,

52.6040.

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

58.7618, 59.2952, 52.6040

Protanopia

56.3506, 59.4034, 53.8434

Deuteranopia

60.3754, 59.1071, 53.0264



Tritanopia

61.8517, 59.1946, 68.4874

Trichromacy



Original Color

58.7618, 59.2952, 52.6040

Protanomaly

57.1654, 59.4883, 53.2692

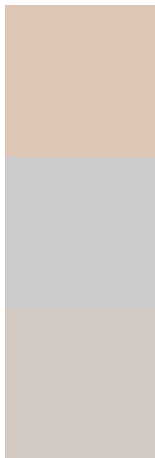
Deuteranomaly

59.6512, 59.0675, 53.0570

Tritanomaly

60.5644, 59.0010, 62.2291

Monochromacy



Original Color

58.7618, 59.2952, 52.6040

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3153, 59.4151, 60.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7618, 59.2952, 52.6040 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(222, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 198, 182)  
}
```

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(222, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 198, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.7618, 59.2952, 52.6040 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(222, 198, 182) }
```


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

```
.border{ border-color:rgb(222, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 198, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 198, 182); box-shadow:4px 4px 4px 4px rgb(222, 198, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7618, 59.2952, 52.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 198, 182) }
```

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

```
.background{ background-color: rgb(222,  
198, 182) }
```

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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