

Converting Colors

XYZ(59.2648, 58.4171, 52.3296)

Have a look what the booklet for
XYZ(59.2648, 58.4171, 52.3296)
contains.

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Color

**XYZ(59.3226, 58.5764,
52.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C3B6
RGB	226, 195, 182
RGB Percent	89%, 76%, 71%
CMY	0.1137, 0.2353, 0.2863
CMYK	0.00, 0.14, 0.19, 0.11
HSL	18°, 43%, 80%
HSV	18°, 19%, 89%
XYZ	59.3226, 58.5764, 52.4357
YIQ	202.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

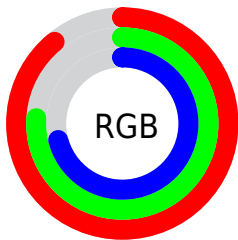
Format	Color
R _Y B	226, 200, 182
Decimal	14861238
CIE Lab	81.06, 8.94, 10.58
CIE LCh	81, 13.850, 49.780
Yxy	58.5764, 0.3483, 0.3439
Android (android.graphics.Color)	4293051318 (0xFFE2C3B6)
YUV	202.7870, -10.2480, 20.3578
Hunter-Lab	76.5352, 4.4191, 12.9540

Details

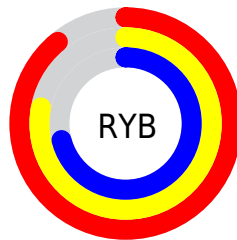
The XYZ color **59.3226, 58.5764, 52.4357** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8125, 63.0228, 81.1221**, and the grayscale version is **56.6847, 59.6368, 64.9444**.

A 20% lighter version of the original color is **91.4830, 97.0539, 94.8005**, and **30.0649, 29.1808, 24.8167** is the 20% darker color. If you saturate the color by 10%, you get **53.7943, 50.9604, 39.9849**, and if you desaturate by 10%, it is **65.6115, 67.1092, 67.0010**.

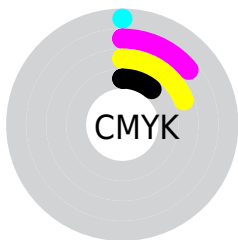
Distribution



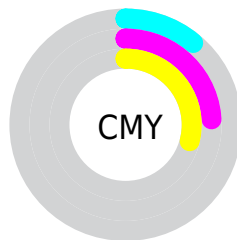
- Red (89%)
- Green (76%)
- Blue (71%)



- Red (89%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3226, 58.5764, 52.4357 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 59.3226, 58.5764, 52.4357 by changing the saturation by 10% instead.


 59.3226, 58.5764,
52.4357

 59.3226, 58.5764,
52.4357


411.9712,
419.3303, 413.1211

 43.1202, 42.2722,
36.9678


 102.9583,
102.7618, 95.2066

 30.1744, 29.3145,
24.8870


131.1224,
131.4117, 123.3467

 20.1197, 19.3189,
15.7746


164.0044,
164.9457, 156.5480

 12.5909, 11.9009,
9.2122

201.9698,
203.7482, 195.2291

 7.2225, 6.6762,
4.7811

245.3838,
248.2035, 239.8083

 3.6492, 3.2605,
2.0630

294.6118,

 1.5056, 1.2692,

298.6960, 290.7044

0.5936

350.0191,
355.6101, 348.3358

■ 0.3297, 0.1171,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3226, 58.5764,
52.4357

■ 59.3226, 58.5764,
52.4357

■ 53.7943, 50.9604,
39.9849

■ 65.6115, 67.1092,
67.0010

■ 48.9918, 44.2222,
29.5459

■ 72.6842, 76.5802,
83.7696

■ 44.8847, 38.3319,
21.0129

■ 80.5692, 87.0203,
102.8296

■ 41.4384, 33.2544,
14.2688

■ 85.1741, 94.9088,
108.4378

■ 38.6152, 28.9522,
9.1835

■ 36.3730, 25.3848,
5.6091

■ 34.6635, 22.5069,
3.3707

■ 33.4163, 20.2626,
2.1843

■ 33.3592, 20.1589,
2.1328

Harmonies

Analogous

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



61.0422, 58.5764, 58.5693



59.3226, 58.5764, 52.4357



56.6620, 58.5764, 49.4296

Triad

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



59.3226, 58.5764, 52.4357



50.4086, 58.5764, 61.0109



57.5674, 58.5764, 79.8725

Complementary

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



59.3226, 58.5764, 52.4357



56.8125, 63.0228, 81.1221

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.



54.6997, 58.5764, 80.6687



59.3226, 58.5764, 52.4357



50.6322, 58.5764, 69.2904

Square

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



59.3226, 58.5764, 52.4357



51.5587, 58.5764, 54.0906



52.1803, 58.5764, 76.6522



60.0050, 58.5764, 74.5620

Rectangle

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



59.3226, 58.5764, 52.4357



54.7411, 58.5764, 49.4118



52.1803, 58.5764, 76.6522



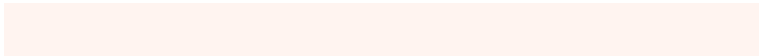
56.6197, 58.5764, 80.6935

Sweetspot

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



59.3242, 58.5790, 52.4369



89.3412, 92.3685, 95.3247



60.1706, 54.4566, 70.6466



18.9946, 19.5988, 20.1011



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.



59.3242, 58.5790, 52.4369



75.2105, 73.1951, 62.5977



64.4836, 68.8978, 54.1567



14.0357, 14.3574, 14.3383



19.1213, 11.6806, 1.2468



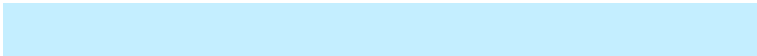
1.4016, 0.9621, 0.1118

Inverse Universe

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



56.8125, 63.0228, 81.1221



71.3833, 79.9572, 106.2787



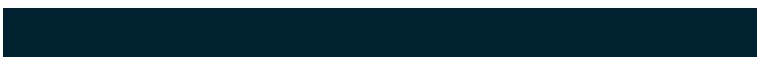
51.7669, 52.9315, 79.4402



13.7566, 14.8524, 17.5294



15.0325, 17.5345, 43.6406



1.1186, 1.3686, 3.0505

Previews

White Background



This preview shows how the XYZ color 59.3226, 58.5764, 52.4357 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 59.3226, 58.5764, 52.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

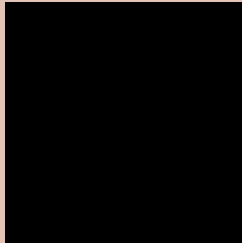
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3226, 58.5764, 52.4357

Background



This preview shows how black text looks on a background with the XYZ color 59.3226, 58.5764, 52.4357.



This preview shows how white text looks on a background with the XYZ color 59.3226, 58.5764,

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

59.3226, 58.5764, 52.4357

Protanopia

55.9381, 58.8314, 54.3063

Deuteranopia

59.7302, 58.4550, 52.3908



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

59.3226, 58.5764, 52.4357

Protanomaly

57.0995, 58.7546, 53.6787

Deuteranomaly

59.4138, 58.2919, 52.3760

Tritanomaly

60.9226, 58.2245, 60.8508

Monochromacy



Original Color

59.3226, 58.5764, 52.4357

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3686, 59.0976, 60.0131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3226, 58.5764, 52.4357 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(226, 195, 182) looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 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(226, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 182) }
```

Border

The CSS property to change the border of an element to XYZ 59.3226, 58.5764, 52.4357 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(226, 195, 182) }
```


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

```
.border{ border-color:rgb(226, 195, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 195, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 195, 182); box-shadow:4px 4px 4px 4px rgb(226, 195, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3226, 58.5764, 52.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 182) }
```

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

```
.background{ background-color: rgb(226,  
195, 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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