

Converting Colors

XYZ(57.5668, 52.9565, 50.4492)

Have a look what the booklet for
XYZ(57.5668, 52.9565, 50.4492)
contains.

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Color

**XYZ(57.5145, 52.9267,
50.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B4B4
RGB	231, 180, 180
RGB Percent	91%, 71%, 71%
CMY	0.0941, 0.2941, 0.2941
CMYK	0.00, 0.22, 0.22, 0.09
HSL	0°, 52%, 81%
HSV	0°, 22%, 91%
XYZ	57.5145, 52.9267, 50.3646
YIQ	195.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

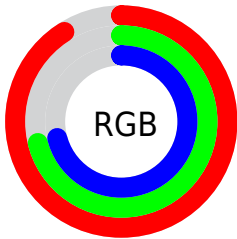
Format	Color
R _Y B	231, 180, 180
Decimal	15185076
CIE Lab	77.83, 18.46, 7.10
CIE LCh	78, 19.784, 21.045
Yxy	52.9267, 0.3577, 0.3291
Android (android.graphics.Color)	4293375156 (0xFFE7B4B4)
YUV	195.2490, -7.5178, 31.3536
Hunter-Lab	72.7507, 13.8028, 9.8797

Details

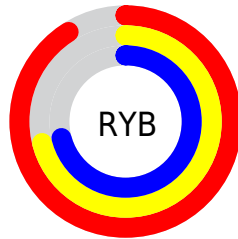
The XYZ color **57.5145, 52.9267, 50.3646** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8215, 72.6229, 86.3611**, and the grayscale version is **52.0521, 54.7629, 59.6368**.

A 20% lighter version of the original color is **86.3758, 87.3070, 91.6563**, and **29.0993, 25.8250, 23.5297** is the 20% darker color. If you saturate the color by 10%, you get **51.0739, 43.5026, 37.5591**, and if you desaturate by 10%, it is **65.1272, 64.0666, 65.4968**.

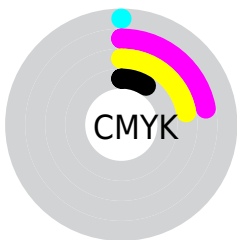
Distribution



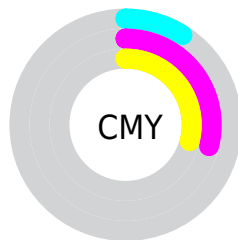
- Red (91%)
- Green (71%)
- Blue (71%)



- Red (91%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5145, 52.9267, 50.3646 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 57.5145, 52.9267, 50.3646 by changing the saturation by 10% instead.

■ 57.5145, 52.9267,
50.3646

■ 57.5145, 52.9267,
50.3646

405.3575,
398.0038, 404.8659

■ 41.6602, 37.7443,
35.3300

■ 100.3426, 94.4965,
92.1167

■ 29.0253, 25.7843,
23.6316

128.0470,
121.6526, 119.6713

■ 19.2443, 16.6623,
14.8509

160.4323,
153.5688, 152.2362

■ 11.9520, 9.9940,
8.5693

197.8636,
190.6294, 190.2301

■ 6.7830, 5.3950,
4.3684

240.7065,
233.2188, 234.0715

■ 3.3719, 2.4808,
1.8296

289.3262,

■ 1.3533, 0.8670,

281.7214, 284.1789

0.4473

344.0881,
336.5216, 340.9708

■ 0.2226, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5145, 52.9267,
50.3646

■ 57.5145, 52.9267,
50.3646

■ 51.0739, 43.5026,
37.5591

■ 65.1272, 64.0666,
65.4968

■ 45.7432, 35.7022,
26.9619

■ 73.9616, 76.9937,
83.0596

■ 41.4610, 29.4361,
18.4493

■ 84.0697, 91.7845,
103.1546

■ 38.1582, 24.6031,
11.8838

■ 86.7652, 95.7290,
108.5123

■ 35.7575, 21.0900,
7.1117

■ 34.1699, 18.7668,
3.9561

■ 33.2884, 17.4767,
2.2041

■ 32.9554, 16.9894,
1.5423

Harmonies

Analogous

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



57.9556, 52.9267, 60.9824



57.5145, 52.9267, 50.3646



55.0908, 52.9267, 42.7011

Triad

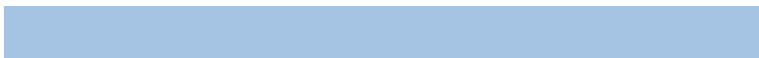
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5145, 52.9267, 50.3646



44.7801, 52.9267, 45.3315



49.1648, 52.9267, 81.1373

Complementary

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



57.5145, 52.9267, 50.3646



61.8215, 72.6229, 86.3611

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.



45.8051, 52.9267, 75.6823



57.5145, 52.9267, 50.3646



43.3596, 52.9267, 54.3993

Square

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



57.5145, 52.9267, 50.3646



47.7006, 52.9267, 40.0624



43.7251, 52.9267, 65.5586



53.0030, 52.9267, 79.6982

Rectangle

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



57.5145, 52.9267, 50.3646



52.7416, 52.9267, 39.8559



43.7251, 52.9267, 65.5586



47.9451, 52.9267, 80.0259

Sweetspot

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



57.5159, 52.9291, 50.3657



86.8760, 88.0393, 92.6501



63.7006, 55.4017, 82.9380



18.4520, 18.6347, 19.5466



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.



57.5159, 52.9291, 50.3657



68.5271, 61.1897, 56.1726



63.1449, 64.1871, 52.2420



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



61.8215, 72.6229, 86.3611



74.7202, 89.5170, 107.9481



55.1980, 59.3758, 84.1532



14.8074, 16.3362, 18.5171



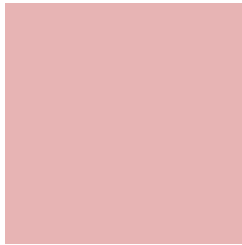
24.1034, 35.2688, 47.9204



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 57.5145, 52.9267, 50.3646 looks on a white background.

Color Contrast Check

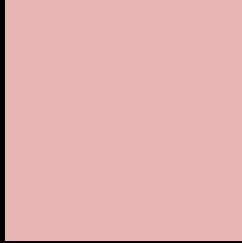
Large Text (above 18pt) WCAG AA × Fail

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 57.5145, 52.9267, 50.3646 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 57.5145, 52.9267, 50.3646

Background



This preview shows how black text looks on a background with the XYZ color 57.5145, 52.9267, 50.3646.



This preview shows how white text looks on a background with the XYZ color 57.5145, 52.9267,

50.3646.

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

57.5145, 52.9267, 50.3646

Protanopia

51.0013, 53.2502, 54.0446

Deuteranopia

54.0145, 52.9714, 50.0255



Tritanopia

58.7135, 52.8024, 56.9665

Trichromacy



Original Color

57.5145, 52.9267, 50.3646

Protanomaly

53.2133, 53.1288, 52.7976

Deuteranomaly

55.0960, 52.9078, 49.9562

Tritanomaly

58.4759, 53.0268, 54.7301

Monochromacy



Original Color

57.5145, 52.9267, 50.3646

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7201, 53.9545, 56.2981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5145, 52.9267, 50.3646 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(231, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 180, 180)  
}
```

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(231, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 180, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.5145, 52.9267, 50.3646 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(231, 180, 180) }
```


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

```
.border{ border-color:rgb(231, 180, 180) }
```

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

Here you see how a box with a 4 pixel rgb(231, 180, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 180,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5145, 52.9267, 50.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 180, 180) }
```

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

```
.background{ background-color: rgb(231,  
180, 180) }
```

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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