

Converting Colors

XYZ(57.4129, 52.8861, 49.8299)

Have a look what the booklet for
XYZ(57.4129, 52.8861, 49.8299)
contains.

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Color

**XYZ(57.4129, 52.8861,
49.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B4B3
RGB	231, 180, 179
RGB Percent	91%, 71%, 70%
CMY	0.0941, 0.2941, 0.2980
CMYK	0.00, 0.22, 0.23, 0.09
HSL	1°, 52%, 80%
HSV	1°, 23%, 91%
XYZ	57.4129, 52.8861, 49.8299
YIQ	195.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

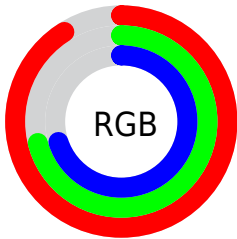
Format	Color
R _Y B	231, 180, 179
Decimal	15185075
CIE Lab	77.81, 18.32, 7.61
CIE LCh	78, 19.838, 22.565
Yxy	52.8861, 0.3585, 0.3303
Android (android.graphics.Color)	4293375155 (0xFFE7B4B3)
YUV	195.1350, -7.9546, 31.4536
Hunter-Lab	72.7228, 13.6564, 10.2803

Details

The XYZ color **57.4129, 52.8861, 49.8299** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.3103, 71.9448, 86.2569**, and the grayscale version is **51.9865, 54.6938, 59.5616**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **29.0345, 25.7991, 23.1881** is the 20% darker color. If you saturate the color by 10%, you get **51.0641, 43.6191, 37.1367**, and if you desaturate by 10%, it is **64.9034, 63.8093, 64.8357**.

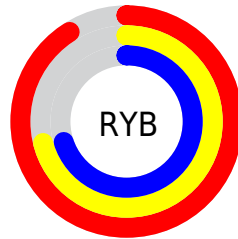
Distribution



Red (91%)

Green (71%)

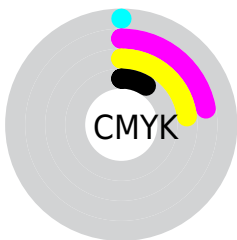
Blue (70%)



Red (91%)

Yellow (71%)

Blue (70%)

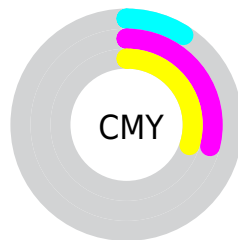


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4129, 52.8861, 49.8299 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 57.4129, 52.8861, 49.8299 by changing the saturation by 10% instead.


 57.4129, 52.8861,
49.8299

 57.4129, 52.8861,
49.8299


404.9839,
397.8480, 402.7164

 41.5783, 37.7119,
34.9080


 100.1953, 94.4367,
91.3165

 28.9609, 25.7591,
23.3090


127.8738,
121.5819, 118.7183

 19.1954, 16.6435,
14.6144


160.2309,
153.4862, 151.1172

 11.9164, 9.9807,
8.4056

197.6321,
190.5340, 188.9317

 6.7585, 5.3861,
4.2641

240.4426,
233.1097, 232.5803

 3.3565, 2.4756,
1.7713

289.0278,

 1.3450, 0.8644,

281.5976, 282.4816

0.4089

343.7531,
336.3823, 339.0541

■ 0.2165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4129, 52.8861,
49.8299

■ 57.4129, 52.8861,
49.8299

■ 51.0641, 43.6191,
37.1367

■ 64.9034, 63.8093,
64.8357

■ 45.7969, 35.9207,
26.6380

■ 73.5832, 76.4563,
82.2576

■ 41.5524, 29.7064,
18.2106

■ 83.5026, 90.8997,
102.1967

■ 38.2641, 24.8805,
11.7173

■ 86.7651, 95.7290,
108.5123

■ 35.8579, 21.3365,
7.0048

■ 34.2487, 18.9524,
3.8965

■ 33.3348, 17.5826,
2.1796

■ 33.0035, 17.0858,
1.5584

Harmonies

Analogous

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



57.9656, 52.8861, 60.3695



57.4129, 52.8861, 49.8299



54.8993, 52.8861, 42.3447

Triad

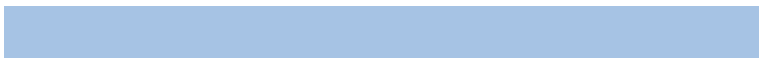
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4129, 52.8861, 49.8299



44.6178, 52.8861, 45.6407



49.3154, 52.8861, 81.2533

Complementary

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



57.4129, 52.8861, 49.8299



61.3103, 71.9448, 86.2569

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.



45.9022, 52.8861, 76.1004



57.4129, 52.8861, 49.8299



43.2815, 52.8861, 54.8855

Square

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



57.4129, 52.8861, 49.8299



47.4807, 52.8861, 40.1500



43.7395, 52.8861, 66.1034



53.1595, 52.8861, 79.4503

Rectangle

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



57.4129, 52.8861, 49.8299



52.5161, 52.8861, 39.6421



43.7395, 52.8861, 66.1034



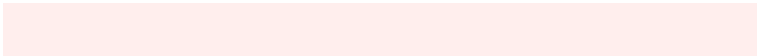
48.0823, 52.8861, 80.2569

Sweetspot

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



57.4143, 52.8885, 49.8310



86.9756, 88.2385, 92.6833



63.3772, 54.9504, 82.2275



18.4750, 18.6806, 19.5542



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.



57.4143, 52.8885, 49.8310



67.9912, 60.5561, 54.6430



63.1313, 64.3226, 51.7367



14.3992, 14.4123, 14.9274



18.5125, 9.5991, 0.8771



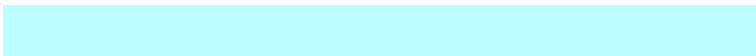
1.3759, 0.7252, 0.0675

Inverse Universe

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



61.3103, 71.9448, 86.2569



73.6734, 88.3524, 107.7785



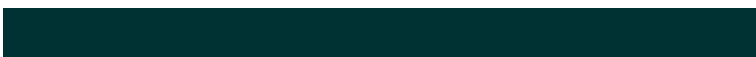
54.6393, 58.6030, 84.0333



14.7823, 16.2861, 18.5087



23.4263, 33.9148, 47.6947



1.7388, 2.5215, 3.5270

Previews

White Background



This preview shows how the XYZ color 57.4129, 52.8861, 49.8299 looks on a white background.

Color Contrast Check

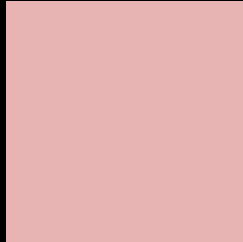
Large Text (above 18pt) WCAG AA × Fail

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 57.4129, 52.8861, 49.8299 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 57.4129, 52.8861, 49.8299

Background



This preview shows how black text looks on a background with the XYZ color 57.4129, 52.8861, 49.8299.



This preview shows how white text looks on a background with the XYZ color 57.4129, 52.8861,

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

57.4129, 52.8861, 49.8299

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.2101, 53.0839, 49.5085



Tritanopia

58.7135, 52.8024, 56.9665

Trichromacy



Original Color

57.4129, 52.8861, 49.8299

Protanomaly

53.1088, 53.0870, 52.2474

Deuteranomaly

55.3006, 53.0249, 49.4397

Tritanomaly

58.3685, 52.9839, 54.1643

Monochromacy



Original Color

57.4129, 52.8861, 49.8299

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6112, 53.9109, 55.7243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4129, 52.8861, 49.8299 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(231, 180, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.4129, 52.8861, 49.8299 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, 179) }
```


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

```
.border{ border-color:rgb(231, 180, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4129, 52.8861, 49.8299 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, 179) }
```

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

```
.background{ background-color: rgb(231,  
180, 179) }
```

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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