

Converting Colors

XYZ(58.6513, 52.4229, 59.3062)

Have a look what the booklet for
XYZ(58.6513, 52.4229, 59.3062)
contains.

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Color

**XYZ(58.6409, 52.4187,
59.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1C4
RGB	231, 177, 196
RGB Percent	91%, 69%, 77%
CMY	0.0941, 0.3059, 0.2314
CMYK	0.00, 0.23, 0.15, 0.09
HSL	339°, 53%, 80%
HSV	339°, 23%, 91%
XYZ	58.6409, 52.4187, 59.2517
YIQ	195.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

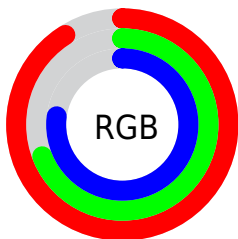
Format	Color
R_{YB}	231, 177, 196
Decimal	15184324
CIE _{Lab}	77.53, 22.51, -2.02
CIE _{LCh}	78, 22.597, 354.860
Yxy	52.4187, 0.3443, 0.3078
Android (android.graphics.Color)	4293374404 (0xFFE7B1C4)
YUV	195.3120, 0.3392, 31.2984
Hunter-Lab	72.4008, 17.8745, 2.1585

Details

The XYZ color **58.6409, 52.4187, 59.2517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.5931, 71.2537, 72.9558**, and the grayscale version is **52.0461, 54.7566, 59.6299**.

A 20% lighter version of the original color is **88.1085, 86.6297, 105.0059**, and **29.7693, 25.4823, 28.9407** is the 20% darker color. If you saturate the color by 10%, you get **52.8386, 43.4064, 49.3244**, and if you desaturate by 10%, it is **65.3886, 63.0484, 70.3345**.

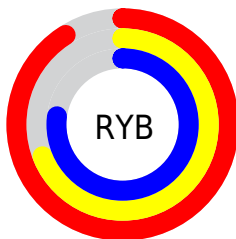
Distribution



Red (91%)

Green (69%)

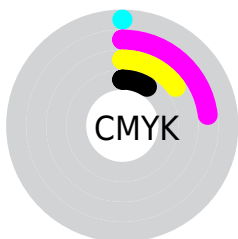
Blue (77%)



Red (91%)

Yellow (69%)

Blue (77%)

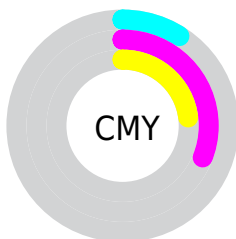


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6409, 52.4187, 59.2517 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 58.6409, 52.4187, 59.2517 by changing the saturation by 10% instead.


 58.6409, 52.4187,
59.2517

 58.6409, 52.4187,
59.2517

409.4853,
396.0509, 439.5619

 42.5694, 37.3389,
42.3944

 101.9732, 93.7484,
105.2761

 29.7404, 25.4700,
29.0824


129.9646,
120.7672, 135.2803

 19.7887, 16.4276,
18.8970


162.6601,
152.5344, 170.5039

 12.3489, 9.8272,
11.4198

200.4250,
189.4344, 211.3655

 7.0557, 5.2845,
6.2323

243.6246,
231.8517, 258.2835

 3.5436, 2.4152,
2.9158

292.6243,

 1.4473, 0.8337,

280.1706, 311.6766

1.0518

347.7894,
334.7755, 371.9632

■ 0.2896, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6409, 52.4187,
59.2517

■ 58.6409, 52.4187,
59.2517

■ 52.8386, 43.4064,
49.3244

■ 65.3886, 63.0484,
70.3345

■ 47.9333, 35.9246,
40.5104

■ 73.1182, 75.3625,
82.6068

■ 43.8793, 29.8891,
32.7692

■ 81.8695, 89.4329,
96.1048

■ 40.6243, 25.2047,
26.0566

■ 86.7652, 95.7290,
108.5123

■ 38.1105, 21.7645,
20.3247

■ 36.2712, 19.4453,
15.5212

■ 35.0268, 18.0979,
11.5872

■ 34.4504, 17.5871,
9.4161

Harmonies

Analogous

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



56.9921, 52.4187, 72.0287



58.6409, 52.4187, 59.2517



57.8170, 52.4187, 47.5708

Triad

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



58.6409, 52.4187, 59.2517



46.3827, 52.4187, 37.9557



45.1543, 52.4187, 79.0295

Complementary

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



58.6409, 52.4187, 59.2517



58.5931, 71.2537, 72.9558

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.



42.6010, 52.4187, 67.7677



58.6409, 52.4187, 59.2517



43.2808, 52.4187, 44.3490

Square

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



58.6409, 52.4187, 59.2517



50.5767, 52.4187, 36.3583



41.9355, 52.4187, 54.9524



49.0756, 52.4187, 84.4620

Rectangle

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



58.6409, 52.4187, 59.2517



55.9999, 52.4187, 41.7686



41.9355, 52.4187, 54.9524



44.1168, 52.4187, 75.7272

Sweetspot

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



58.6424, 52.4211, 59.2528



87.8103, 88.4123, 97.5718



57.0691, 51.0948, 82.4562



18.6677, 18.7209, 20.6829



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.



58.6424, 52.4211, 59.2528



69.7713, 59.9646, 68.0362



58.0747, 54.5297, 49.0623



14.5853, 14.4513, 16.0168



19.3666, 9.8809, 5.5594



1.4739, 0.7473, 0.6363

Inverse Universe

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



58.6424, 52.4211, 59.2528



69.7713, 59.9646, 68.0362



59.1589, 68.3219, 85.6712



14.5853, 14.4513, 16.0168



19.3666, 9.8809, 5.5594



1.4739, 0.7473, 0.6363

Previews

White Background



This preview shows how the XYZ color 58.6409, 52.4187, 59.2517 looks on a white background.

Color Contrast Check

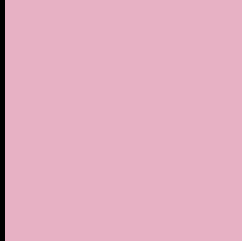
Large Text (above 18pt) WCAG AA × Fail

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 58.6409, 52.4187, 59.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

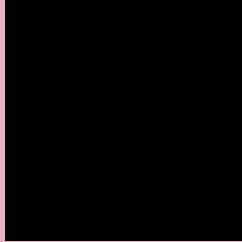
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6409, 52.4187, 59.2517

Background



This preview shows how black text looks on a background with the XYZ color 58.6409, 52.4187, 59.2517.



This preview shows how white text looks on a background with the XYZ color 58.6409, 52.4187,

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

58.6409, 52.4187, 59.2517

Protanopia

51.2681, 52.8277, 64.6214

Deuteranopia

53.5910, 52.5682, 58.3611



Tritanopia

57.9575, 52.4254, 56.3546

Trichromacy



Original Color

58.6409, 52.4187, 59.2517

Protanomaly

53.5551, 52.4567, 62.5608

Deuteranomaly

55.3991, 52.5588, 58.8548

Tritanomaly

58.1792, 52.5140, 57.5219

Monochromacy



Original Color

58.6409, 52.4187, 59.2517

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8460, 53.3165, 59.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6409, 52.4187, 59.2517 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, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 196)  
}
```

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, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 196) }
```

Border

The CSS property to change the border of an element to XYZ 58.6409, 52.4187, 59.2517 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, 177, 196) }
```


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

```
.border{ border-color:rgb(231, 177, 196) }
```

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

Here you see how a box with a 4 pixel rgb(231, 177, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6409, 52.4187, 59.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 196) }
```

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

```
.background{ background-color: rgb(231,  
177, 196) }
```

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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