

Converting Colors

XYZ(61.9299, 57.2857, 60.1704)

Have a look what the booklet for
XYZ(61.9299, 57.2857, 60.1704)
contains.

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Color

**XYZ(61.6658, 57.0186,
59.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	EABBC4
RGB	234, 187, 196
RGB Percent	92%, 73%, 77%
CMY	0.0824, 0.2666, 0.2314
CMYK	0.00, 0.20, 0.16, 0.08
HSL	349°, 53%, 83%
HSV	349°, 20%, 92%
XYZ	61.6658, 57.0186, 59.9801
YIQ	202.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

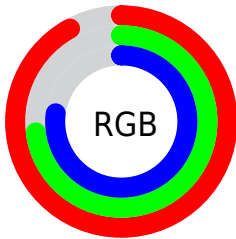
Format	Color
RYB	234, 187, 196
Decimal	15383492
CIELab	80.19, 18.24, 1.89
CIElCh	80, 18.337, 5.930
Yxy	57.0186, 0.3451, 0.3191
Android (android.graphics.Color)	4293573572 (0xFFEABBC4)
YUV	202.0790, -2.9969, 27.9947
Hunter-Lab	75.5107, 13.6284, 5.7619

Details

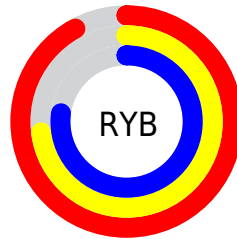
The XYZ color **61.6658, 57.0186, 59.9801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5092, 74.8481, 82.3376**, and the grayscale version is **56.1968, 59.1234, 64.3854**.

A 20% lighter version of the original color is **91.0202, 92.4530, 105.9764**, and **31.7677, 28.4682, 29.4118** is the 20% darker color. If you saturate the color by 10%, you get **55.0807, 47.0800, 47.8213**, and if you desaturate by 10%, it is **69.3346, 68.6886, 73.8415**.

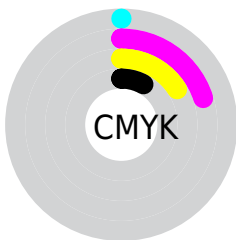
Distribution



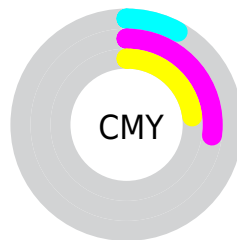
- Red (92%)
- Green (73%)
- Blue (77%)



- Red (92%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6658, 57.0186, 59.9801 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 61.6658, 57.0186, 59.9801 by changing the saturation by 10% instead.


 61.6658, 57.0186,
59.9801

 61.6658, 57.0186,
59.9801


420.4480,
413.5190, 442.3270

 45.0173, 41.0202,
42.9774


 106.3350,
100.4923, 106.3439

 31.6724, 28.3348,
29.5361


135.0865,
128.7364, 136.5421

 21.2657, 18.5782,
19.2377


168.6029,
161.8312, 171.9758

 13.4319, 11.3659,
11.6636

207.2498,
200.1610, 213.0637

 7.8057, 6.3135,
6.3953

251.3923,
244.1103, 260.2242

 4.0216, 3.0366,
3.0143

301.3960,

 1.7144, 1.1509,

294.0635, 313.8759

1.1019

357.6261,
350.4049, 374.4373

■ 0.4652, 0.0210,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6658, 57.0186,
59.9801

■ 61.6658, 57.0186,
59.9801

■ 55.0807, 47.0800,
47.8213

■ 69.3346, 68.6886,
73.8415

■ 49.5254, 38.7830,
37.2954

■ 78.1282, 82.1592,
89.4643

■ 44.9482, 32.0409,
28.3331

■ 87.3840, 96.0894,
106.6730

■ 41.2914, 26.7564,
20.8587

■ 87.7419, 96.2325,
108.5580

■ 38.4909, 22.8209,
14.7903

■ 36.4739, 20.1106,
10.0373

■ 35.1552, 18.4786,
6.4982

■ 34.4016, 17.6804,
4.0611

Harmonies

Analogous

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



61.0285, 57.0186, 70.8669



61.6658, 57.0186, 59.9801



60.2279, 57.0186, 50.7665

Triad

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



61.6658, 57.0186, 59.9801



50.0836, 57.0186, 46.8569



51.3144, 57.0186, 82.8483

Complementary

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



61.6658, 57.0186, 59.9801



63.5092, 74.8481, 82.3376

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.



48.5781, 57.0186, 74.9687



61.6658, 57.0186, 59.9801



47.8907, 57.0186, 54.0577

Square

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



61.6658, 57.0186, 59.9801



53.4549, 57.0186, 43.7706



47.3524, 57.0186, 64.2356



54.9408, 57.0186, 84.9018

Rectangle

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



61.6658, 57.0186, 59.9801



58.3233, 57.0186, 46.5397



47.3524, 57.0186, 64.2356



50.2653, 57.0186, 80.7522

Sweetspot

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



61.6674, 57.0212, 59.9813



88.4335, 89.8523, 97.1826



63.5502, 57.4272, 85.5775



18.7808, 19.0062, 20.5383



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.



61.6674, 57.0212, 59.9813



71.5690, 64.1873, 66.7012



63.8131, 62.9025, 55.7950



15.1833, 15.1012, 16.2504



19.3661, 9.9491, 2.4631



1.5534, 0.7943, 0.3658

Inverse Universe

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



61.6674, 57.0212, 59.9813



71.5690, 64.1873, 66.7012



60.9138, 67.6411, 87.6880



15.1833, 15.1012, 16.2504



19.3661, 9.9491, 2.4631



1.5534, 0.7943, 0.3658

Previews

White Background



This preview shows how the XYZ color 61.6658, 57.0186, 59.9801 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 61.6658, 57.0186, 59.9801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

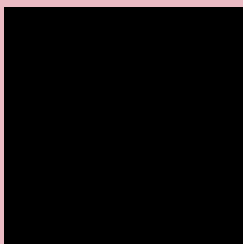
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6658, 57.0186, 59.9801

Background



This preview shows how black text looks on a background with the XYZ color 61.6658, 57.0186, 59.9801.



This preview shows how white text looks on a background with the XYZ color 61.6658, 57.0186,

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

61.6658, 57.0186, 59.9801

Protanopia

55.2119, 57.2090, 64.0096

Deuteranopia

58.4355, 57.2957, 59.6091



Tritanopia

62.3625, 56.9970, 62.9730

Trichromacy



Original Color

61.6658, 57.0186, 59.9801

Protanomaly

57.4487, 57.0498, 62.6274

Deuteranomaly

59.5325, 57.2093, 59.5346

Tritanomaly

62.1287, 56.9035, 61.7418

Monochromacy



Original Color

61.6658, 57.0186, 59.9801

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.1231, 58.3988, 62.8523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6658, 57.0186, 59.9801 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(234, 187, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 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(234, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 196) }
```

Border

The CSS property to change the border of an element to XYZ 61.6658, 57.0186, 59.9801 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(234, 187, 196) }
```


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

```
.border{ border-color:rgb(234, 187, 196) }
```

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

Here you see how a box with a 4 pixel rgb(234, 187, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6658, 57.0186, 59.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 196) }
```

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

```
.background{ background-color: rgb(234,  
187, 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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