

Converting Colors

XYZ(61.8918, 54.4793, 61.3284)

Have a look what the booklet for
XYZ(61.8918, 54.4793, 61.3284)
contains.

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Color

**XYZ(61.8258, 54.3150,
61.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB2C7
RGB	239, 178, 199
RGB Percent	94%, 70%, 78%
CMY	0.0627, 0.3019, 0.2196
CMYK	0.00, 0.26, 0.17, 0.06
HSL	339°, 66%, 82%
HSV	339°, 26%, 94%
XYZ	61.8258, 54.3150, 61.2581
YIQ	198.6330, 29.6150, 19.4630

Conversions

Conversions Part 2

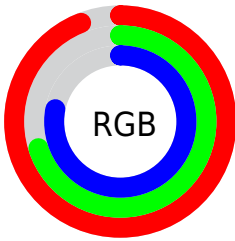
Format	Color
R_{YB}	239, 178, 199
Decimal	15708871
CIE _{Lab}	78.65, 25.27, -1.93
CIE _{LCh}	79, 25.346, 355.643
Yxy	54.3150, 0.3485, 0.3062
Android (android.graphics.Color)	4293898951 (0xFFEFB2C7)
YUV	198.6330, 0.1809, 35.4019
Hunter-Lab	73.6987, 20.7708, 2.3075

Details

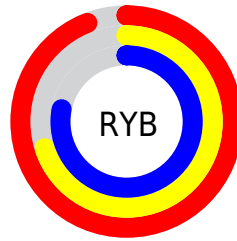
The XYZ color **61.8258, 54.3150, 61.2581** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8837, 76.2614, 77.7916**, and the grayscale version is **54.0495, 56.8642, 61.9252**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **31.7359, 26.6566, 30.2606** is the 20% darker color. If you saturate the color by 10%, you get **55.7513, 44.9295, 50.7127**, and if you desaturate by 10%, it is **68.9192, 65.4373, 73.0691**.

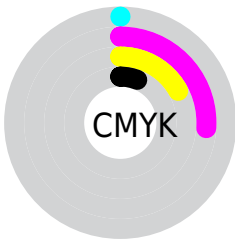
Distribution



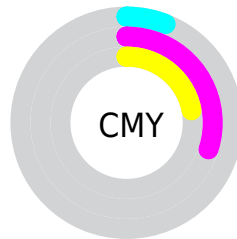
- Red (94%)
- Green (70%)
- Blue (78%)



- Red (94%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8258, 54.3150, 61.2581 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 61.8258, 54.3150, 61.2581 by changing the saturation by 10% instead.

 61.8258, 54.3150,
61.2581

 61.8258, 54.3150,
61.2581


421.0231,
403.3101, 447.1524

 45.1470, 38.8536,
44.0016


 106.5651, 96.5366,
108.2137

 31.7750, 26.6458,
30.3346


135.3563,
124.0655, 138.7499

 21.3444, 17.3074,
19.8385


168.9157,
156.3858, 174.5498

 13.4899, 10.4539,
12.0948

207.6087,
193.8817, 216.0318

 7.8461, 5.7009,
6.6849

251.8005,
236.9377, 263.6145

 4.0476, 2.6641,
3.1904

301.8566,

 1.7291, 0.9590,

285.9381, 317.7165

1.1927

358.1424,
341.2675, 378.7563

■ 0.4744, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8258, 54.3150,
61.2581

■ 61.8258, 54.3150,
61.2581

■ 55.7513, 44.9295,
50.7127

■ 68.9192, 65.4373,
73.0691

■ 50.6426, 37.1851,
41.3856

■ 77.0723, 78.3708,
86.1841

■ 46.4484, 30.9884,
33.2310

■ 86.3289, 93.1946,
100.6440

■ 43.1107, 26.2331,
26.1988

■ 89.4069, 97.0909,
108.6359

■ 40.5644, 22.7997,
20.2348

■ 38.7342, 20.5490,
15.2791

■ 37.5285, 19.3096,
11.2639

■ 37.1301, 18.9641,
9.7397

Harmonies

Analogous

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



59.9826, 54.3150, 76.0947



61.8258, 54.3150, 61.2581



60.7942, 54.3150, 47.9977

Triad

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



61.8258, 54.3150, 61.2581



47.5716, 54.3150, 37.6130



46.3827, 54.3150, 84.9311

Complementary

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



61.8258, 54.3150, 61.2581



61.8837, 76.2614, 77.7916

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.



43.4271, 54.3150, 71.8852



61.8258, 54.3150, 61.2581



44.0817, 54.3150, 44.9114

Square

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



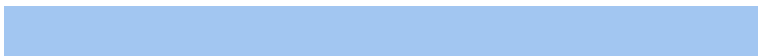
61.8258, 54.3150, 61.2581



52.3592, 54.3150, 35.6981



42.6125, 54.3150, 57.0709



50.8972, 54.3150, 91.0926

Rectangle

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



61.8258, 54.3150, 61.2581



58.6483, 54.3150, 41.5436



42.6125, 54.3150, 57.0709



45.1856, 54.3150, 81.1124

Sweetspot

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



61.8273, 54.3175, 61.2592



86.8042, 86.8360, 95.8930



60.3113, 52.9270, 88.6992



18.2674, 18.0903, 20.0255



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.



61.8273, 54.3175, 61.2592



67.5541, 56.6105, 63.9666



61.4365, 57.1719, 49.9197



15.9974, 15.8487, 17.5424



20.5742, 10.5021, 5.6744



1.7567, 0.8917, 0.7096

Inverse Universe

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



61.8273, 54.3175, 61.2592



67.5541, 56.6105, 63.9666



62.1970, 72.2087, 92.3215



15.9974, 15.8487, 17.5424



20.5742, 10.5021, 5.6744



1.7567, 0.8917, 0.7096

Previews

White Background



This preview shows how the XYZ color 61.8258, 54.3150, 61.2581 looks on a white background.

Color Contrast Check

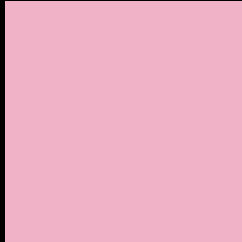
Large Text (above 18pt) WCAG AA × Fail

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 61.8258, 54.3150, 61.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

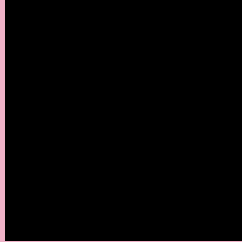
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8258, 54.3150, 61.2581

Background



This preview shows how black text looks on a background with the XYZ color 61.8258, 54.3150, 61.2581.



This preview shows how white text looks on a background with the XYZ color 61.8258, 54.3150,

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

61.8258, 54.3150, 61.2581

Protanopia

53.1826, 54.7397, 67.4373

Deuteranopia

55.7162, 54.5725, 60.4203



Tritanopia

61.0056, 54.2676, 57.7114

Trichromacy



Original Color

61.8258, 54.3150, 61.2581

Protanomaly

55.8666, 54.2231, 65.2792

Deuteranomaly

57.6662, 54.3047, 60.8686

Tritanomaly

61.2303, 54.3575, 58.8946

Monochromacy



Original Color

61.8258, 54.3150, 61.2581

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6712, 55.6813, 61.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8258, 54.3150, 61.2581 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(239, 178, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 178, 199)  
}
```

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(239, 178, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 178, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.8258, 54.3150, 61.2581 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(239, 178, 199) }
```


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

```
.border{ border-color:rgb(239, 178, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 178, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 178, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 178, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 178,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8258, 54.3150, 61.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 178, 199) }
```

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

```
.background{ background-color: rgb(239,  
178, 199) }
```

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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