

Converting Colors

XYZ(61.3581, 56.2468, 65.1246)

Have a look what the booklet for
XYZ(61.3581, 56.2468, 65.1246)
contains.

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Color

**XYZ(61.3234, 56.0946,
65.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B9CD
RGB	231, 185, 205
RGB Percent	91%, 73%, 80%
CMY	0.0941, 0.2745, 0.1961
CMYK	0.00, 0.20, 0.11, 0.09
HSL	334°, 49%, 82%
HSV	334°, 20%, 91%
XYZ	61.3234, 56.0946, 65.3529
YIQ	201.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

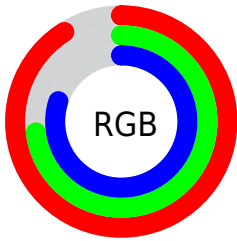
Format	Color
R _Y B	231, 185, 205
Decimal	15186381
CIE Lab	79.67, 19.69, -3.76
CIE LCh	80, 20.044, 349.182
Yxy	56.0946, 0.3355, 0.3069
Android (android.graphics.Color)	4293376461 (0xFFE7B9CD)
YUV	201.0340, 1.9552, 26.2802
Hunter-Lab	74.8963, 15.0831, 0.6923

Details

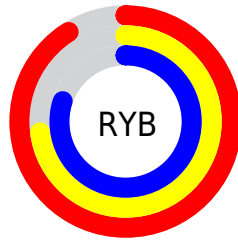
The XYZ color **61.3234, 56.0946, 65.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3436, 72.1707, 72.3812**, and the grayscale version is **55.5189, 58.4102, 63.6087**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **31.5164, 27.8509, 32.9928** is the 20% darker color. If you saturate the color by 10%, you get **55.3671, 46.5997, 55.9129**, and if you desaturate by 10%, it is **68.1995, 67.2173, 75.7499**.

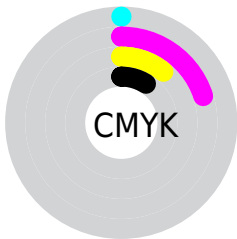
Distribution



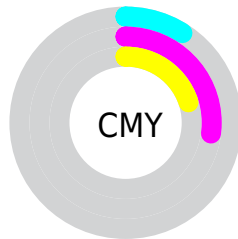
- Red (91%)
- Green (73%)
- Blue (80%)



- Red (91%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3234, 56.0946, 65.3529 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 61.3234, 56.0946, 65.3529 by changing the saturation by 10% instead.


 61.3234, 56.0946,
65.3529

 61.3234, 56.0946,
65.3529


419.2158,
410.0479, 462.3999

 44.7397, 40.2788,
47.2941


 105.8425, 99.1429,
114.1752

 31.4529, 27.7560,
32.9122


134.5087,
127.1441, 145.7758

 21.0975, 18.1418,
21.7886

167.9331,
159.9760, 182.7274

 13.3081, 11.0518,
13.5049

206.4811,
198.0228, 225.4486

 7.7195, 6.1017,
7.6423

250.5180,
241.6690, 274.3580

 3.9663, 2.9070,
3.7825

300.4091,

 1.6831, 1.0834,

291.2990, 329.8739

1.5068

356.5200,
347.2972, 392.4151

■ 0.4456, 0.0000,
0.2230

■ 0.0000, 0.0000,
0.0000

■ 61.3234, 56.0946,
65.3529

■ 61.3234, 56.0946,
65.3529

■ 55.3671, 46.5997,
55.9129

■ 68.1995, 67.2173,
75.7499

■ 50.2849, 38.6480,
47.3969

■ 76.0291, 80.0322,
87.1283

■ 46.0340, 32.1589,
39.7749

■ 84.8498, 94.6091,
99.5161

■ 42.5659, 27.0410,
33.0137

■ 86.7653, 95.7291,
108.5123

■ 39.8271, 23.1927,
27.0776

■ 37.7565, 20.4982,
21.9276

■ 36.2822, 18.8198,
17.5201

■ 35.2840, 17.9241,
13.7941

■ 35.2762, 17.9174,
13.7637

Harmonies

Analogous

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



59.4193, 56.0946, 76.8192



61.3234, 56.0946, 65.3529



61.0018, 56.0946, 54.0496

Triad

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



61.3234, 56.0946, 65.3529



50.8022, 56.0946, 42.3683



48.3938, 56.0946, 79.5260

Complementary

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



61.3234, 56.0946, 65.3529



60.3436, 72.1707, 72.3812

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.



46.3049, 56.0946, 68.6896



61.3234, 56.0946, 65.3529



47.6461, 56.0946, 47.6481

Square

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



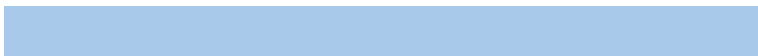
61.3234, 56.0946, 65.3529



54.7889, 56.0946, 41.7131



46.0383, 56.0946, 56.9927



51.8702, 56.0946, 85.6630

Rectangle

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



61.3234, 56.0946, 65.3529



59.5729, 56.0946, 48.0621



46.0383, 56.0946, 56.9927



47.5138, 56.0946, 76.2530

Sweetspot

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



61.3250, 56.0971, 65.3541



89.0004, 90.0791, 100.1681



58.4387, 54.2159, 82.9867



18.9145, 19.0597, 21.2425



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.



61.3250, 56.0971, 65.3541



73.4594, 64.9434, 76.6559



59.5480, 56.1624, 53.6038



14.6359, 14.4715, 16.2829



19.8359, 10.0686, 8.0308



1.5117, 0.7624, 0.8352

Inverse Universe

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



61.3250, 56.0971, 65.3541



73.4594, 64.9434, 76.6559



62.3695, 71.9579, 86.2041



14.6359, 14.4715, 16.2829



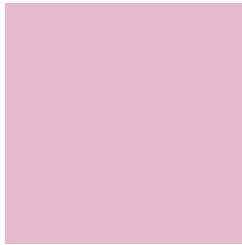
19.8359, 10.0686, 8.0308



1.5117, 0.7624, 0.8352

Previews

White Background



This preview shows how the XYZ color 61.3234, 56.0946, 65.3529 looks on a white background.

Color Contrast Check

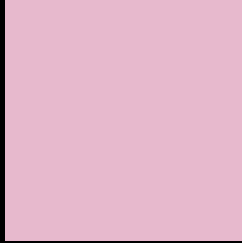
Large Text (above 18pt) WCAG AA × Fail

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 61.3234, 56.0946, 65.3529 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 61.3234, 56.0946, 65.3529

Background



This preview shows how black text looks on a background with the XYZ color 61.3234, 56.0946, 65.3529.



This preview shows how white text looks on a background with the XYZ color 61.3234, 56.0946,

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

61.3234, 56.0946, 65.3529

Protanopia

54.6496, 56.1036, 70.2361

Deuteranopia

57.4803, 56.3550, 64.9748



Tritanopia

60.6174, 56.1109, 62.2792

Trichromacy



Original Color

61.3234, 56.0946, 65.3529

Protanomaly

56.6528, 55.8580, 68.1174

Deuteranomaly

58.6119, 55.9705, 64.8409

Tritanomaly

60.8527, 56.2051, 63.5185

Monochromacy



Original Color

61.3234, 56.0946, 65.3529

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.3272, 57.2915, 63.9140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3234, 56.0946, 65.3529 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, 185, 205)` looks like.

```
.text, #text, p{  
    color:rgb(231, 185, 205)  
}
```

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, 185, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 185, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.3234, 56.0946, 65.3529 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, 185, 205) }
```


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

```
.border{ border-color:rgb(231, 185, 205) }
```

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

Here you see how a box with a 4 pixel rgb(231, 185, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(231, 185,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3234, 56.0946, 65.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 185, 205) }
```

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

```
.background{ background-color: rgb(231,  
185, 205) }
```

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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