

Converting Colors

XYZ(63.3221, 61.4389, 57.7337)

Have a look what the booklet for
XYZ(63.3221, 61.4389, 57.7337)
contains.

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Color

**XYZ(63.5297, 61.6422,
57.8400)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EAC6BF |
| RGB | 234, 198, 191 |
| RGB Percent | 92%, 78%, 75% |
| CMY | 0.0824, 0.2235, 0.2510 |
| CMYK | 0.00, 0.15, 0.18, 0.08 |
| HSL | 10°, 51%, 83% |
| HSV | 10°, 18%, 92% |
| XYZ | 63.5297, 61.6422, 57.8400 |
| YIQ | 207.9660, 23.7030, 5.4550 |

Conversions

Conversions Part 2

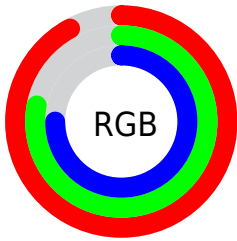
| Format | Color |
|-------------------------------------|--|
| RYB | 234, 199, 191 |
| Decimal | 15386303 |
| CIELab | 82.72, 11.64, 8.23 |
| CIElCh | 83, 14.258, 35.278 |
| Yxy | 61.6422, 0.3471, 0.3368 |
| Android (android.graphics.Color) | 4293576383 (0xFFEAC6BF) |
| YUV | 207.9660, -8.3642, 22.8318 |
| Hunter-Lab | 78.5125, 7.0392, 11.2800 |

Details

The XYZ color **63.5297, 61.6422, 57.8400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8056, 71.9532, 88.3677**, and the grayscale version is **59.9753, 63.0987, 68.7145**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **32.9208, 31.2465, 28.3408** is the 20% darker color. If you saturate the color by 10%, you get **56.9662, 52.3120, 43.9462**, and if you desaturate by 10%, it is **71.0871, 72.3006, 74.0963**.

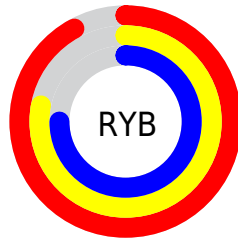
Distribution



Red (92%)

Green (78%)

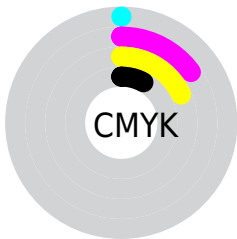
Blue (75%)



Red (92%)

Yellow (78%)

Blue (75%)

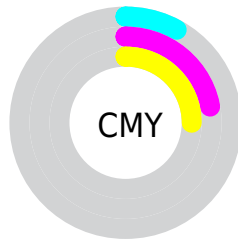


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (8%)



Cyan (8%)


Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5297, 61.6422, 57.8400 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 63.5297, 61.6422, 57.8400 by changing the saturation by 10% instead.

 63.5297, 61.6422,
57.8400

 63.5297, 61.6422,
57.8400


427.1185,
430.6248, 434.1711

 46.5301, 44.7437,
41.2662


 109.0109,
107.2082, 103.2023

 32.8707, 31.2556,
28.2059


138.2232,
136.6445, 132.8279

 22.1862, 20.7935,
18.2405


172.2371,
171.0288, 167.6411

 14.1112, 12.9732,
10.9516

211.4180,
210.7456, 208.0605

 8.2802, 7.4101,
5.9205

256.1313,
256.1792, 254.5047

 4.3281, 3.7199,
2.7288

306.7422,

 1.8894, 1.5181,

307.7139, 307.3921

0.9579

363.6161,
365.7343, 367.1414

■ 0.5706, 0.3014,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5297, 61.6422,
57.8400

■ 63.5297, 61.6422,
57.8400

■ 56.9662, 52.3120,
43.9462

■ 71.0871, 72.3006,
74.0963

■ 51.3501, 44.2499,
32.3010

■ 79.6723, 84.3279,
92.8139

■ 46.6384, 37.4032,
22.7868

■ 87.7418, 96.2325,
108.5580

■ 42.7830, 31.7126,
15.2739

■ 39.7313, 27.1136,
9.6182

■ 37.4243, 23.5353,
5.6564

■ 35.7948, 20.8981,
3.1963

■ 34.7560, 19.1075,
1.9654

■ 34.6287, 18.8863,
1.8203

Harmonies

Analogous

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



64.6514, 61.6422, 65.5781



63.5297, 61.6422, 57.8400



61.0868, 61.6422, 52.9329

Triad

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



63.5297, 61.6422, 57.8400



53.4005, 61.6422, 60.3081



59.1325, 61.6422, 85.3534

Complementary

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



63.5297, 61.6422, 57.8400



63.8056, 71.9532, 88.3677

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.



56.1604, 61.6422, 83.6345



63.5297, 61.6422, 57.8400



52.9180, 61.6422, 68.6816

Square

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



63.5297, 61.6422, 57.8400



55.2530, 61.6422, 54.2685



53.9115, 61.6422, 77.3384



62.0568, 61.6422, 81.8505

Rectangle

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



63.5297, 61.6422, 57.8400



59.0752, 61.6422, 51.6723



53.9115, 61.6422, 77.3384



58.1056, 61.6422, 85.3701

Sweetspot

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



63.5314, 61.6450, 57.8413



88.7330, 91.1522, 95.1220



66.5042, 60.3313, 81.2121



18.8513, 19.3121, 20.0533



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.



63.5314, 61.6450, 57.8413



74.1024, 70.5094, 63.6760



68.6547, 71.8915, 59.5490



15.2637, 15.4503, 15.6965



19.5193, 10.7328, 1.0429



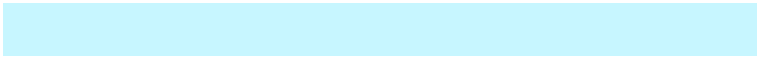
1.5920, 0.9612, 0.1016

Inverse Universe

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



63.8056, 71.9532, 88.3677



74.4903, 85.1758, 107.1223



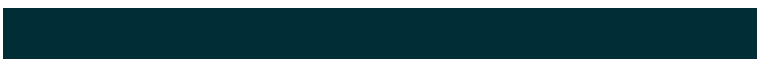
58.4212, 61.1843, 86.5729



15.2967, 16.6797, 19.3355



19.5022, 25.6515, 47.6663



1.5871, 2.1257, 3.7615

Previews

White Background



This preview shows how the XYZ color 63.5297, 61.6422, 57.8400 looks on a white background.

Color Contrast Check

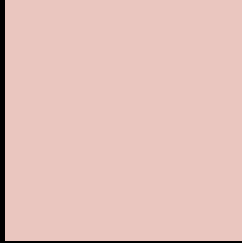
Large Text (above 18pt) WCAG AA × Fail

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 63.5297, 61.6422, 57.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

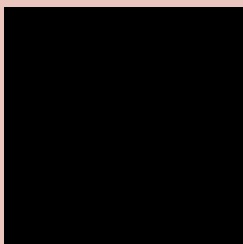
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5297, 61.6422, 57.8400

Background



This preview shows how black text looks on a background with the XYZ color 63.5297, 61.6422, 57.8400.



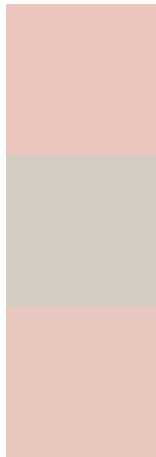
This preview shows how white text looks on a background with the XYZ color 63.5297, 61.6422,

57.8400.

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

63.5297, 61.6422, 57.8400

Protanopia

58.8330, 61.5998, 60.4189

Deuteranopia

63.1061, 61.7642, 57.8859



Tritanopia

65.7400, 61.5162, 69.3817

Trichromacy



Original Color

63.5297, 61.6422, 57.8400

Protanomaly

60.3733, 61.3517, 59.6990

Deuteranomaly

63.4317, 61.9321, 57.9011

Tritanomaly

64.7804, 61.4538, 64.9474

Monochromacy



Original Color

63.5297, 61.6422, 57.8400

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8688, 62.2017, 64.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5297, 61.6422, 57.8400 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, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 191)  
}
```

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, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.5297, 61.6422, 57.8400 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, 198, 191) }
```


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

```
.border{ border-color:rgb(234, 198, 191) }
```

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

Here you see how a box with a 4 pixel rgb(234, 198, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5297, 61.6422, 57.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 191) }
```

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

```
.background{ background-color: rgb(234,  
198, 191) }
```

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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