

Converting Colors

XYZ(62.5373, 60.9779, 57.2834)

Have a look what the booklet for
XYZ(62.5373, 60.9779, 57.2834)
contains.

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Color

**XYZ(62.7671, 61.2617,
57.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C6BE
RGB	232, 198, 190
RGB Percent	91%, 78%, 75%
CMY	0.0902, 0.2235, 0.2549
CMYK	0.00, 0.15, 0.18, 0.09
HSL	11°, 48%, 83%
HSV	11°, 18%, 91%
XYZ	62.7671, 61.2617, 57.2317
YIQ	207.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

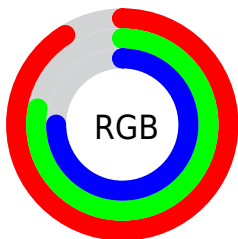
Format	Color
R _Y B	232, 200, 190
Decimal	15255230
CIE Lab	82.52, 10.76, 8.45
CIE LCh	83, 13.685, 38.153
Yxy	61.2617, 0.3463, 0.3380
Android (android.graphics.Color)	4293445310 (0xFFE8C6BE)
YUV	207.2540, -8.5062, 21.7022
Hunter-Lab	78.2699, 6.1726, 11.4355

Details

The XYZ color **62.7671, 61.2617, 57.2317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4559, 70.0831, 86.5801**, and the grayscale version is **59.5161, 62.6156, 68.1884**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.3931, 30.9828, 27.9399** is the 20% darker color. If you saturate the color by 10%, you get **56.4013, 52.2699, 43.5794**, and if you desaturate by 10%, it is **70.0721, 71.4848, 73.1898**.

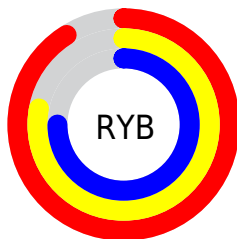
Distribution



Red (91%)

Green (78%)

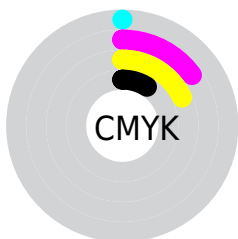
Blue (75%)



Red (91%)

Yellow (78%)

Blue (75%)

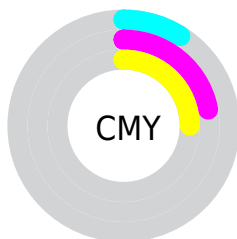


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (9%)



Cyan (9%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7671, 61.2617, 57.2317 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 62.7671, 61.2617, 57.2317 by changing the saturation by 10% instead.


 62.7671, 61.2617,
57.2317

 62.7671, 61.2617,
57.2317


424.3969,
429.2329, 431.8350

 45.9108, 44.4364,
40.7807


 107.9171,
106.6578, 102.3069

 32.3797, 31.0137,
27.8294


136.9415,
135.9973, 131.7681

 21.8087, 20.6093,
17.9591


170.7527,
170.2771, 166.4032

 13.8322, 12.8387,
10.7515

209.7159,
209.8815, 206.6307

 8.0850, 7.3176,
5.7879

254.1966,
255.1948, 252.8690

 4.2016, 3.6615,
2.6499

304.5601,

 1.8168, 1.4861,

306.6016, 305.5368

0.9180

361.1717,
364.4862, 365.0527

■ 0.5278, 0.2789,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7671, 61.2617,
57.2317

■ 62.7671, 61.2617,
57.2317

■ 56.4013, 52.2699,
43.5794

■ 70.0721, 71.4848,
73.1898

■ 50.9313, 44.4548,
32.1223

■ 78.3475, 82.9750,
91.5496

■ 46.3175, 37.7696,
22.7463

■ 86.8793, 95.4765,
108.4575

■ 42.5155, 32.1617,
15.3255

■ 87.0890, 95.8959,
108.5274

■ 39.4767, 27.5737,
9.7204

■ 37.1470, 23.9429,
5.7726

■ 35.4646, 21.1995,
3.2965

■ 34.3509, 19.2613,
2.0337

■ 34.1877, 18.9733,
1.8603

Harmonies

Analogous

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



63.9793, 61.2617, 64.4433



62.7671, 61.2617, 57.2317



60.3474, 61.2617, 52.8309

Triad

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



62.7671, 61.2617, 57.2317



53.1572, 61.2617, 60.8824



59.0294, 61.2617, 83.9687

Complementary

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



62.7671, 61.2617, 57.2317



62.4559, 70.0831, 86.5801

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.



56.1577, 61.2617, 82.8141



62.7671, 61.2617, 57.2317



52.8310, 61.2617, 69.0161

Square

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



62.7671, 61.2617, 57.2317



54.8187, 61.2617, 54.8124



53.9121, 61.2617, 77.1668



61.7746, 61.2617, 80.2010

Rectangle

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



62.7671, 61.2617, 57.2317



58.4090, 61.2617, 51.8530



53.9121, 61.2617, 77.1668



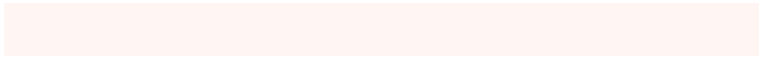
58.0462, 61.2617, 84.1490

Sweetspot

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



62.7688, 61.2645, 57.2330



89.8602, 92.7971, 97.3769



65.1881, 59.3816, 78.7612



19.0830, 19.6527, 20.5092



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.



62.7688, 61.2645, 57.2330



74.4831, 71.2706, 63.8029



67.8270, 71.3809, 58.9191



14.5982, 14.8102, 14.9937



19.0476, 10.6693, 1.0555



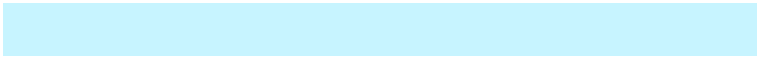
1.4707, 0.9148, 0.0991

Inverse Universe

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



62.4559, 70.0831, 86.5801



74.0203, 84.2356, 106.9656



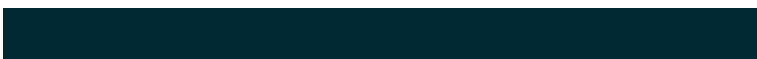
57.2283, 59.6279, 84.8376



14.5618, 15.8449, 18.4352



18.1326, 23.3272, 45.9301



1.4002, 1.8444, 3.4142

Previews

White Background



This preview shows how the XYZ color 62.7671, 61.2617, 57.2317 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 62.7671, 61.2617, 57.2317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

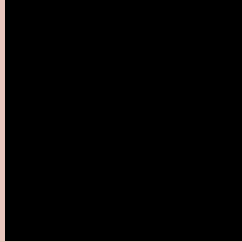
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7671, 61.2617, 57.2317

Background



This preview shows how black text looks on a background with the XYZ color 62.7671, 61.2617, 57.2317.

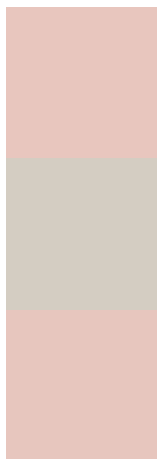


This preview shows how white text looks on a background with the XYZ color 62.7671, 61.2617,

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

62.7671, 61.2617, 57.2317

Protanopia

58.7203, 61.5547, 59.8253

Deuteranopia

62.4433, 61.0948, 57.2166



Tritanopia

65.4089, 61.3455, 69.3662

Trichromacy



Original Color

62.7671, 61.2617, 57.2317

Protanomaly

59.9596, 61.1514, 59.0953

Deuteranomaly

62.4433, 61.0948, 57.2166

Tritanomaly

64.4511, 61.2841, 64.9320

Monochromacy



Original Color

62.7671, 61.2617, 57.2317

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4544, 62.0017, 64.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7671, 61.2617, 57.2317 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(232, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 198, 190)  
}
```

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(232, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 198, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.7671, 61.2617, 57.2317 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(232, 198, 190) }
```


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

```
.border{ border-color:rgb(232, 198, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 198, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 198,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7671, 61.2617, 57.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 198, 190) }
```

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

```
.background{ background-color: rgb(232,  
198, 190) }
```

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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