

Converting Colors

XYZ(61.7578, 57.5736, 39.5656)

Have a look what the booklet for
XYZ(61.7578, 57.5736, 39.5656)
contains.

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Color

**XYZ(61.8622, 57.5678,
39.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BB9D
RGB	246, 187, 157
RGB Percent	96%, 73%, 62%
CMY	0.0353, 0.2666, 0.3843
CMYK	0.00, 0.24, 0.36, 0.04
HSL	20°, 83%, 79%
HSV	20°, 36%, 96%
XYZ	61.8622, 57.5678, 39.7495
YIQ	201.2210, 44.7940, 3.1780

Conversions

Conversions Part 2

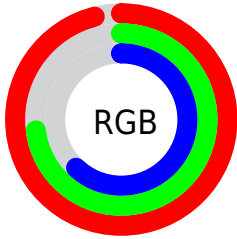
Format	Color
R _Y B	246, 202, 157
Decimal	16169885
CIE Lab	80.50, 17.37, 23.44
CIE LCh	80, 29.172, 53.453
Yxy	57.5678, 0.3886, 0.3617
Android (android.graphics.Color)	4294359965 (0xFFF6BB9D)
YUV	201.2210, -21.8010, 39.2712
Hunter-Lab	75.8734, 12.7586, 22.0499

Details

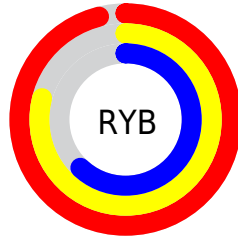
The XYZ color **61.8622, 57.5678, 39.7495** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0942, 62.9315, 96.4321**, and the grayscale version is **55.7673, 58.6715, 63.8933**.

A 20% lighter version of the original color is **85.1743, 90.1147, 75.1921**, and **31.8657, 28.7822, 17.5117** is the 20% darker color. If you saturate the color by 10%, you get **56.7048, 50.2823, 28.6909**, and if you desaturate by 10%, it is **67.8383, 65.8135, 53.1682**.

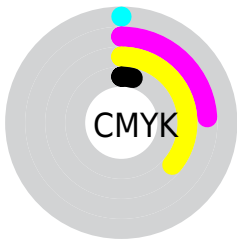
Distribution



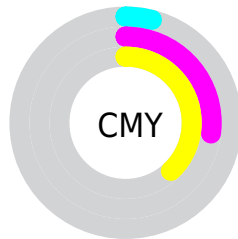
- Red (96%)
- Green (73%)
- Blue (62%)



- Red (96%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8622, 57.5678, 39.7495 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 61.8622, 57.5678, 39.7495 by changing the saturation by 10% instead.


 61.8622, 57.5678,
39.7495


 61.8622, 57.5678,
39.7495


421.1538,
415.5735, 360.5873

 45.1765, 41.4613,
27.0310


 106.6174,
101.2932, 76.0148

 31.7984, 28.6797,
17.3639


 135.4177,
129.6809, 100.3987

 21.3623, 18.8387,
10.3296


168.9868,
162.9311, 129.5081

 13.5031, 11.5538,
5.5096

207.6903,
201.4282, 163.7616

 7.8553, 6.4406,
2.4853

251.8933,
245.5566, 203.5778

 4.0535, 3.1148,
0.8324

301.9614,

 1.7324, 1.1920,

295.7007, 249.3751

0.0000

358.2598,
352.2449, 301.5720

■ 0.4764, 0.0551,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8622, 57.5678,
39.7495

■ 61.8622, 57.5678,
39.7495

■ 56.7048, 50.2823,
28.6909

■ 67.8383, 65.8135,
53.1682

■ 52.3229, 43.9126,
19.8503

■ 74.6645, 75.0456,
69.0710

■ 48.6762, 38.4224,
13.0752

■ 82.3759, 85.2993,
87.5772

■ 45.7178, 33.7697,
8.1923

■ 90.9394, 96.5795,
108.4564

■ 43.3948, 29.9083,
4.9992

■ 91.8161, 98.3329,
108.7487

■ 41.6439, 26.7861,
3.2453

■ 41.0944, 25.7695,
2.8081

Harmonies

Analogous

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



65.9720, 57.5678, 50.4535



61.8622, 57.5678, 39.7495



56.0396, 57.5678, 35.3001

Triad

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



61.8622, 57.5678, 39.7495



44.0574, 57.5678, 58.9971



59.4276, 57.5678, 98.0547

Complementary

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



61.8622, 57.5678, 39.7495



55.0942, 62.9315, 96.4321

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.



53.4144, 57.5678, 101.4747



61.8622, 57.5678, 39.7495



44.8200, 57.5678, 76.7411

Square

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



61.8622, 57.5678, 39.7495



45.9790, 57.5678, 45.0266



48.1433, 57.5678, 93.0758



64.4962, 57.5678, 84.4363

Rectangle

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



61.8622, 57.5678, 39.7495



52.0815, 57.5678, 35.7726



48.1433, 57.5678, 93.0758



57.4388, 57.5678, 100.5267

Sweetspot

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



61.8637, 57.5705, 39.7507



85.2109, 87.0286, 84.9440



62.5012, 48.6825, 71.2948



17.9969, 18.3060, 17.6021



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.



61.8637, 57.5705, 39.7507



63.1708, 56.9010, 34.5833



72.7147, 79.2726, 43.3677



16.9557, 17.3955, 17.2616



22.0503, 13.9862, 1.5374



2.0291, 1.4115, 0.1655

Inverse Universe

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



55.0942, 62.9315, 96.4321



54.8688, 63.4315, 103.9594



45.2606, 43.2642, 93.1543



16.4987, 17.7617, 21.1013



16.0106, 17.8150, 49.1328



1.5019, 1.7551, 4.3499

Previews

White Background



This preview shows how the XYZ color 61.8622, 57.5678, 39.7495 looks on a white background.

Color Contrast Check

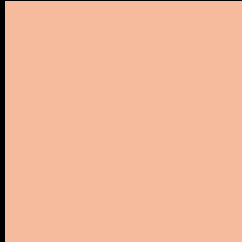
Large Text (above 18pt) WCAG AA × Fail

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 61.8622, 57.5678, 39.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

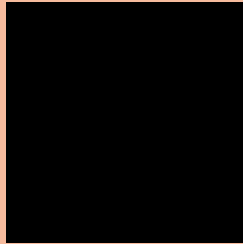
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8622, 57.5678, 39.7495

Background



This preview shows how black text looks on a background with the XYZ color 61.8622, 57.5678, 39.7495.



This preview shows how white text looks on a background with the XYZ color 61.8622, 57.5678,

39.7495.

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

61.8622, 57.5678, 39.7495

Protanopia

54.4165, 57.9499, 42.9677

Deuteranopia

58.7821, 57.5920, 39.4707



Tritanopia

66.1161, 57.7654, 59.8897

Trichromacy



Original Color

61.8622, 57.5678, 39.7495

Protanomaly

56.6886, 57.4507, 41.8195

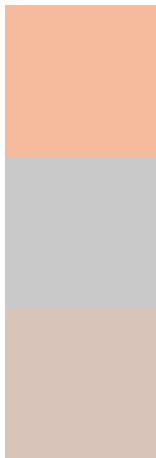
Deuteranomaly

59.6741, 57.4044, 39.3875

Tritanomaly

64.6509, 57.7981, 52.0046

Monochromacy



Original Color

61.8622, 57.5678, 39.7495

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1122, 57.7344, 54.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8622, 57.5678, 39.7495 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(246, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(246, 187, 157)  
}
```

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(246, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 187, 157) }
```

Border

The CSS property to change the border of an element to XYZ 61.8622, 57.5678, 39.7495 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(246, 187, 157) }
```


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

```
.border{ border-color:rgb(246, 187, 157) }
```

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

Here you see how a box with a 4 pixel rgb(246, 187, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(246, 187,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8622, 57.5678, 39.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 187, 157) }
```

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

```
.background{ background-color: rgb(246,  
187, 157) }
```

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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