

Converting Colors

XYZ(66.1383, 59.5012, 47.6365)

Have a look what the booklet for
XYZ(66.1383, 59.5012, 47.6365)
contains.

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Color

**XYZ(66.1862, 59.6286,
47.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBBAD
RGB	254, 187, 173
RGB Percent	100%, 73%, 68%
CMY	0.0039, 0.2666, 0.3216
CMYK	0.00, 0.26, 0.32, 0.00
HSL	10°, 98%, 84%
HSV	10°, 32%, 100%
XYZ	66.1862, 59.6286, 47.5562
YIQ	205.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

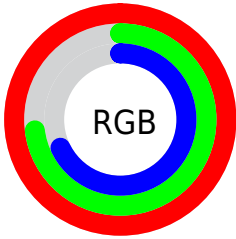
Format	Color
RYB	254, 190, 173
Decimal	16694189
CIELab	81.64, 22.34, 16.59
CIElCh	82, 27.824, 36.610
Yxy	59.6286, 0.3818, 0.3439
Android (android.graphics.Color)	4294884269 (0xFFFEBBAD)
YUV	205.4370, -15.9914, 42.5898
Hunter-Lab	77.2196, 17.8612, 17.5395

Details

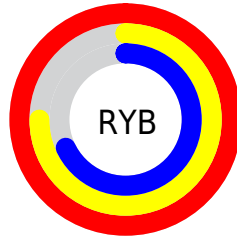
The XYZ color **66.1862, 59.6286, 47.5562** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2820, 78.3575, 105.3972**, and the grayscale version is **58.3869, 61.4275, 66.8946**.

A 20% lighter version of the original color is **87.2942, 90.9626, 86.3554**, and **34.6037, 29.8913, 22.0349** is the 20% darker color. If you saturate the color by 10%, you get **59.8228, 50.4682, 34.4401**, and if you desaturate by 10%, it is **73.6720, 70.2855, 63.3527**.

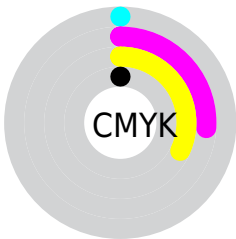
Distribution



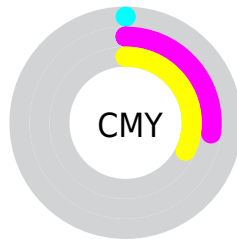
- Red (100%)
- Green (73%)
- Blue (68%)



- Red (100%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1862, 59.6286, 47.5562 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 66.1862, 59.6286, 47.5562 by changing the saturation by 10% instead.


 66.1862, 59.6286,
47.5562

 66.1862, 59.6286,
47.5562


436.5206,
423.2274, 393.4881

 48.6918, 43.1193,
33.1181


 112.8098,
104.2907, 87.9019

 34.5886, 29.9788,
21.9451


142.6697,
133.2124, 114.6466

 23.5112, 19.8225,
13.6186


177.3822,
167.0403, 146.3305

 15.0942, 12.2661,
7.7202

217.3126,
206.1588, 183.3723

 8.9723, 6.9251,
3.8312

262.8263,
250.9524, 226.1904

 4.7801, 3.4153,
1.5332

314.2887,

 2.1522, 1.3522,

301.8055, 275.2034

0.2425

372.0650,
359.1023, 330.8298

■ 0.7174, 0.1811,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1862, 59.6286,
47.5562

■ 66.1862, 59.6286,
47.5562

■ 59.8228, 50.4682,
34.4401

■ 73.6720, 70.2855,
63.3527

■ 54.5223, 42.7287,
23.8517

■ 82.3264, 82.4932,
81.9636

■ 50.2269, 36.3409,
15.6280

■ 92.1987, 96.3136,
103.5183

■ 46.8710, 31.2262,
9.5859

94.6831, 99.8109,
108.8828

■ 44.3810, 27.2975,
5.5147

■ 42.6713, 24.4564,
3.1618

■ 41.7707, 22.8661,
2.2120

Harmonies

Analogous

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



68.5913, 59.6286, 61.2896



66.1862, 59.6286, 47.5562



61.2561, 59.6286, 39.6327

Triad

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



66.1862, 59.6286, 47.5562



46.9710, 59.6286, 52.9648



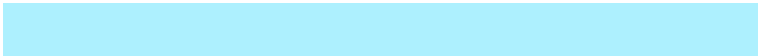
57.9790, 59.6286, 102.4442

Complementary

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



66.1862, 59.6286, 47.5562



66.2820, 78.3575, 105.3972

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.



52.3286, 59.6286, 99.1837



66.1862, 59.6286, 47.5562



46.2259, 59.6286, 68.7022

Square

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



66.1862, 59.6286, 47.5562



50.2321, 59.6286, 42.3596



48.1220, 59.6286, 86.0797



63.6469, 59.6286, 94.3489

Rectangle

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



66.1862, 59.6286, 47.5562



57.3426, 59.6286, 37.7984



48.1220, 59.6286, 86.0797



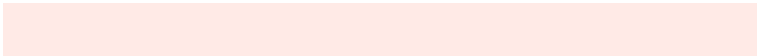
56.0130, 59.6286, 102.6580

Sweetspot

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



66.1878, 59.6314, 47.5574



84.8497, 85.7390, 86.5725



71.6196, 57.2796, 90.1097



17.8760, 17.9511, 17.9104



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.



66.1878, 59.6314, 47.5574



62.7218, 54.3354, 39.5749



75.8853, 79.0265, 50.7899



18.2632, 18.4946, 18.7516



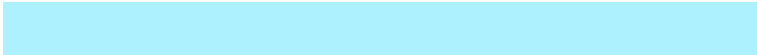
22.0945, 12.2003, 1.1904



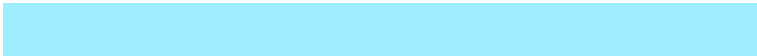
2.2181, 1.3215, 0.1382

Inverse Universe

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



66.2820, 78.3575, 105.3972



62.8163, 75.7914, 105.9262



55.7778, 57.3492, 101.8958



18.2719, 19.9154, 23.1310



21.6895, 28.2885, 53.7517



2.1790, 2.8887, 5.2560

Previews

White Background



This preview shows how the XYZ color 66.1862, 59.6286, 47.5562 looks on a white background.

Color Contrast Check

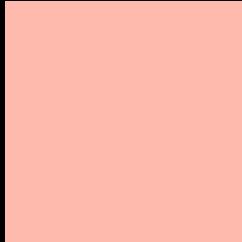
Large Text (above 18pt) WCAG AA × Fail

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 66.1862, 59.6286, 47.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

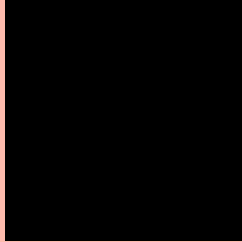
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1862, 59.6286, 47.5562

Background



This preview shows how black text looks on a background with the XYZ color 66.1862, 59.6286, 47.5562.

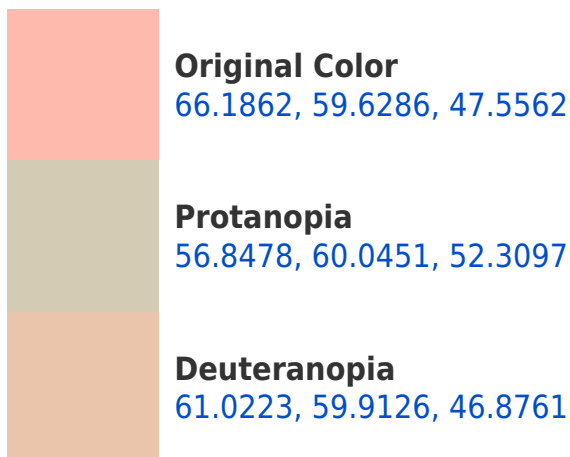


This preview shows how white text looks on a background with the XYZ color 66.1862, 59.6286,

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





Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

66.1862, 59.6286, 47.5562

Protanomaly

59.6807, 59.4778, 50.4543

Deuteranomaly

62.7920, 59.8193, 47.2665

Tritanomaly

67.7743, 59.6320, 56.0822

Monochromacy



Original Color

66.1862, 59.6286, 47.5562

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.2511, 59.9264, 58.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1862, 59.6286, 47.5562 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(254, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 187, 173)  
}
```

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(254, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 187, 173) }
```

Border

The CSS property to change the border of an element to XYZ 66.1862, 59.6286, 47.5562 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(254, 187, 173) }
```


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

```
.border{ border-color:rgb(254, 187, 173) }
```

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

Here you see how a box with a 4 pixel rgb(254, 187, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 187,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1862, 59.6286, 47.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 187, 173) }
```

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

```
.background{ background-color: rgb(254,  
187, 173) }
```

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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