

Converting Colors

XYZ(101.2812, 77.7199,
49.1003)

Have a look what the booklet for
XYZ(101.2812, 77.7199, 49.1003)
contains.

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Color

**XYZ(66.5531, 59.8178,
47.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBAD
RGB	255, 187, 173
RGB Percent	100%, 73%, 68%
CMY	0.0000, 0.2666, 0.3216
CMYK	0.00, 0.27, 0.32, 0.00
HSL	10°, 100%, 84%
HSV	10°, 32%, 100%
XYZ	66.5531, 59.8178, 47.5734
YIQ	205.7360, 45.0220, 10.0620

Conversions

Conversions Part 2

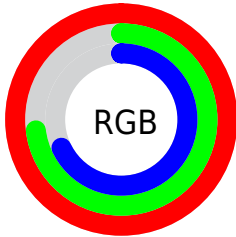
Format	Color
R _Y B	255, 190, 173
Decimal	16759725
CIE Lab	81.74, 22.71, 16.75
CIE LCh	82, 28.219, 36.419
Yxy	59.8178, 0.3826, 0.3439
Android (android.graphics.Color)	4294949805 (0xFFFFBBAD)
YUV	205.7360, -16.1388, 43.2045
Hunter-Lab	77.3420, 18.2516, 17.6698

Details

The XYZ color **66.5531, 59.8178, 47.5734** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7376, 79.0119, 106.3411**, and the grayscale version is **58.5785, 61.6292, 67.1142**.

A 20% lighter version of the original color is **87.2942, 90.9626, 86.3554**, and **34.8647, 30.0259, 22.0472** is the 20% darker color. If you saturate the color by 10%, you get **60.1570, 50.6046, 34.4076**, and if you desaturate by 10%, it is **74.0837, 70.5459, 63.4419**.

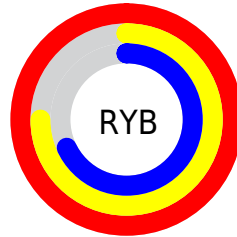
Distribution



Red (100%)

Green (73%)

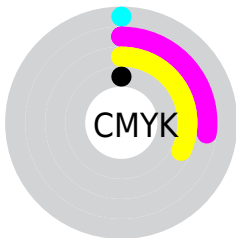
Blue (68%)



Red (100%)

Yellow (75%)

Blue (68%)

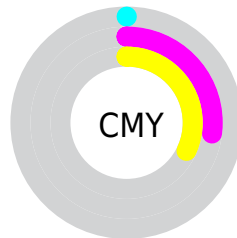


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5531, 59.8178, 47.5734 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 66.5531, 59.8178, 47.5734 by changing the saturation by 10% instead.


 66.5531, 59.8178,
47.5734

 66.5531, 59.8178,
47.5734


437.8099,
423.9259, 393.5585

 48.9909, 43.2718,
33.1316


 113.3332,
104.5653, 87.9278

 34.8268, 30.0984,
21.9553


143.2817,
133.5356, 114.6775

 23.6953, 19.9133,
13.6261


178.0898,
167.4161, 146.3669

 15.2313, 12.3320,
7.7253

218.1227,
206.5913, 183.4146

 9.0692, 6.9702,
3.8344

263.7458,
251.4454, 226.2390

 4.8438, 3.4435,
1.5350


315.3244,

 2.1897, 1.3674,


302.3630, 275.2588


0.2438


373.2240,
359.7283, 330.8924


 0.7373, 0.1925,
0.0000


 0.0000, 0.0000,
0.0000


 66.5531, 59.8178,
47.5734

 66.5531, 59.8178,
47.5734


 60.1570, 50.6046,
34.4076


 74.0837, 70.5459,
63.4419

 54.8352, 42.8297,
23.7896

 82.7960, 82.8444,
82.1488

 50.5287, 36.4222,
15.5548

 92.7399, 96.7762,
103.8249

 47.1709, 31.3020,
9.5172

95.0500, 100.0000,
108.9000

■ 44.6869, 27.3804,
5.4632

■ 42.9894, 24.5568,
3.1360

■ 42.1241, 23.0283,
2.2247

Harmonies

Analogous

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



68.9808, 59.8178, 61.5417



66.5531, 59.8178, 47.5734



61.5492, 59.8178, 39.5106

Triad

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



66.5531, 59.8178, 47.5734



47.0138, 59.8178, 52.8990



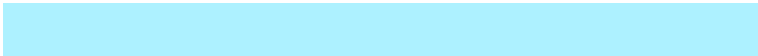
58.1418, 59.8178, 103.3572

Complementary

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



66.5531, 59.8178, 47.5734



66.7376, 79.0119, 106.3411

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.



52.4058, 59.8178, 99.9568



66.5531, 59.8178, 47.5734



46.2407, 59.8178, 68.8581

Square

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



66.5531, 59.8178, 47.5734



50.3385, 59.8178, 42.1902



48.1480, 59.8178, 86.5518



63.9110, 59.8178, 95.1687

Rectangle

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



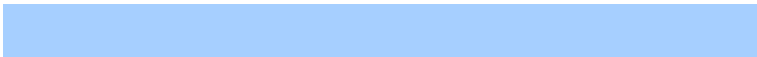
66.5531, 59.8178, 47.5734



57.5717, 59.8178, 37.6290



48.1480, 59.8178, 86.5518



56.1443, 59.8178, 103.5494

Sweetspot

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



66.5547, 59.8206, 47.5746



84.8344, 85.7084, 86.5674



72.1109, 57.5185, 90.7821



17.8723, 17.9437, 17.9092



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.



66.5547, 59.8206, 47.5746



62.0574, 53.3545, 38.2807



76.4348, 79.5810, 50.8680



18.2601, 18.4883, 18.7505



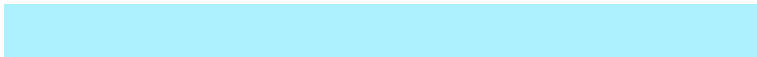
22.0834, 12.1780, 1.1867



2.2165, 1.3184, 0.1377

Inverse Universe

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



66.7376, 79.0119, 106.3411



62.2520, 75.4004, 105.8804



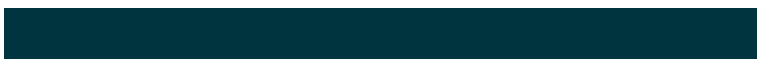
56.0157, 57.5679, 102.7671



18.2753, 19.9223, 23.1321



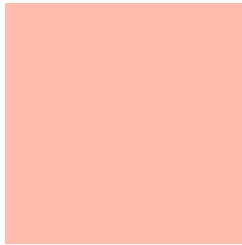
21.7584, 28.4263, 53.7746



2.1851, 2.9009, 5.2580

Previews

White Background



This preview shows how the XYZ color 66.5531, 59.8178, 47.5734 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 66.5531, 59.8178, 47.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

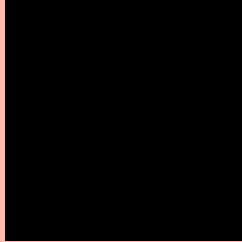
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5531, 59.8178, 47.5734

Background



This preview shows how black text looks on a background with the XYZ color 66.5531, 59.8178, 47.5734.



This preview shows how white text looks on a background with the XYZ color 66.5531, 59.8178,

47.5734.

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

66.5531, 59.8178, 47.5734

Protanopia

56.8478, 60.0451, 52.3097

Deuteranopia

61.3516, 60.0823, 46.8915



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

66.5531, 59.8178, 47.5734

Protanomaly

59.9970, 59.6408, 50.4691

Deuteranomaly

63.1343, 59.9957, 47.2825

Tritanomaly

67.9842, 60.0519, 56.1521

Monochromacy



Original Color

66.5531, 59.8178, 47.5734

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9015, 60.5892, 59.5240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5531, 59.8178, 47.5734 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(255, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 173) }
```

Border

The CSS property to change the border of an element to XYZ 66.5531, 59.8178, 47.5734 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(255, 187, 173) }
```


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

```
.border{ border-color:rgb(255, 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(255, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5531, 59.8178, 47.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 173) }
```

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

```
.background{ background-color: rgb(255,  
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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