

Converting Colors

XYZ(78.2567, 64.6944, 51.3149)

Have a look what the booklet for
XYZ(78.2567, 64.6944, 51.3149)
contains.

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Color

**XYZ(66.6187, 58.8363,
51.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B4
RGB	255, 184, 180
RGB Percent	100%, 72%, 71%
CMY	0.0000, 0.2784, 0.2941
CMYK	0.00, 0.28, 0.29, 0.00
HSL	3°, 100%, 85%
HSV	3°, 29%, 100%
XYZ	66.6187, 58.8363, 51.0254
YIQ	204.7730, 43.6000, 13.8080

Conversions

Conversions Part 2

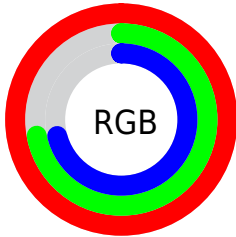
Format	Color
R _Y B	255, 184, 180
Decimal	16758964
CIE Lab	81.20, 25.17, 12.24
CIE LCh	81, 27.989, 25.934
Yxy	58.8363, 0.3775, 0.3334
Android (android.graphics.Color)	4294949044 (0xFFFFB8B4)
YUV	204.7730, -12.2131, 44.0491
Hunter-Lab	76.7048, 20.7951, 14.2526

Details

The XYZ color **66.6187, 58.8363, 51.0254** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3683, 85.9146, 107.4294**, and the grayscale version is **57.9412, 60.9586, 66.3840**.

A 20% lighter version of the original color is **87.5404, 89.6363, 92.0445**, and **34.8394, 29.3679, 23.9110** is the 20% darker color. If you saturate the color by 10%, you get **59.6626, 48.7058, 37.0479**, and if you desaturate by 10%, it is **74.9113, 70.8744, 67.8073**.

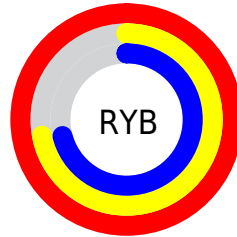
Distribution



Red (100%)

Green (72%)

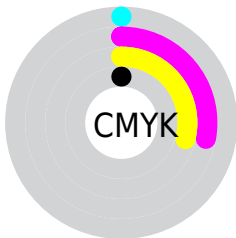
Blue (71%)



Red (100%)

Yellow (72%)

Blue (71%)

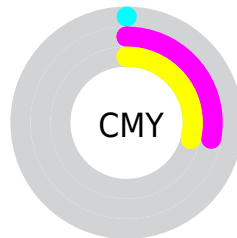


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6187, 58.8363, 51.0254 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 66.6187, 58.8363, 51.0254 by changing the saturation by 10% instead.


 66.6187, 58.8363,
51.0254

 66.6187, 58.8363,
51.0254


438.0402,
420.2950, 407.5118

 49.0444, 42.4814,
35.8520


 113.4267,
103.1397, 93.1042

 34.8694, 29.4784,
24.0311


143.3911,
131.8570, 120.8466

 23.7283, 19.4430,
15.1443


178.2162,
165.4638, 153.6158

 15.2558, 11.9908,
8.7730

218.2674,
204.3445, 191.8303

 9.0866, 6.7374,
4.4986

263.9100,
248.8836, 235.9086

 4.8553, 3.2984,
1.9027

315.5095,

 2.1965, 1.2895,

299.4655, 286.2693

0.4944

373.4311,
356.4745, 343.3308

■ 0.7409, 0.1330,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6187, 58.8363,
51.0254

■ 66.6187, 58.8363,
51.0254

■ 59.6626, 48.7058,
37.0479

■ 74.9113, 70.8744,
67.8073

■ 53.9687, 40.3774,
25.7185

■ 84.6003, 84.9023,
87.5312

■ 49.4627, 33.7478,
16.8713

95.0500, 100.0000,
108.9000

■ 46.0602, 28.7002,
10.3200

■ 43.6662, 25.1025,
5.8521

■ 42.1692, 22.8018,
3.2156

■ 41.4196, 21.6060,
2.0304

■ 41.3919, 21.5639,
1.9806

Harmonies

Analogous

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



67.8630, 58.8363, 66.3654



66.6187, 58.8363, 51.0254



62.4378, 58.8363, 40.9822

Triad

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



66.6187, 58.8363, 51.0254



47.1421, 58.8363, 47.7130



55.1313, 58.8363, 101.7096

Complementary

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



66.6187, 58.8363, 51.0254



71.3683, 85.9146, 107.4294

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.



49.8763, 58.8363, 94.5008



66.6187, 58.8363, 51.0254



45.4712, 58.8363, 61.8139

Square

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



66.6187, 58.8363, 51.0254



51.1624, 58.8363, 39.3158



46.4366, 58.8363, 79.1507



60.9683, 58.8363, 97.4804

Rectangle

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



66.6187, 58.8363, 51.0254



58.6904, 58.8363, 37.6991



46.4366, 58.8363, 79.1507



53.2423, 58.8363, 100.5145

Sweetspot

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



66.6202, 58.8390, 51.0266



85.0296, 85.5230, 88.4072



75.0136, 60.8839, 99.2717



17.8771, 17.8387, 18.2644



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.



66.6202, 58.8390, 51.0266



62.5717, 52.9474, 42.8783



75.4010, 76.4007, 53.9535



18.0872, 18.1425, 18.6929



21.6596, 11.3305, 1.0454



2.1351, 1.1555, 0.1105

Inverse Universe

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



71.3683, 85.9146, 107.4294



67.9818, 83.8166, 107.2029



60.8563, 64.8905, 103.9254



18.4669, 20.3053, 23.1960



25.9629, 36.8353, 55.1761



2.5523, 3.6354, 5.3804

Previews

White Background



This preview shows how the XYZ color 66.6187, 58.8363, 51.0254 looks on a white background.

Color Contrast Check

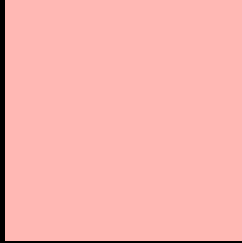
Large Text (above 18pt) WCAG AA × Fail

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 66.6187, 58.8363, 51.0254 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 66.6187, 58.8363, 51.0254

Background



This preview shows how black text looks on a background with the XYZ color 66.6187, 58.8363, 51.0254.



This preview shows how white text looks on a background with the XYZ color 66.6187, 58.8363,

51.0254.

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

66.6187, 58.8363, 51.0254

Protanopia

56.3664, 59.0027, 56.5619

Deuteranopia

60.1841, 59.0676, 50.3486



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

66.6187, 58.8363, 51.0254

Protanomaly

59.7421, 58.7441, 54.6444

Deuteranomaly

62.3641, 58.8670, 50.7233

Tritanomaly

67.4678, 58.8447, 56.5174

Monochromacy



Original Color

66.6187, 58.8363, 51.0254

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3615, 59.6060, 60.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6187, 58.8363, 51.0254 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, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 180)  
}
```

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, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.6187, 58.8363, 51.0254 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, 184, 180) }
```


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

```
.border{ border-color:rgb(255, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6187, 58.8363, 51.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 180) }
```

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

```
.background{ background-color: rgb(255,  
184, 180) }
```

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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