

Converting Colors

XYZ(66.8690, 59.5800, 50.3589)

Have a look what the booklet for
XYZ(66.8690, 59.5800, 50.3589)
contains.

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Color

**XYZ(66.9356, 59.6325,
50.6302)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAB3
RGB	255, 186, 179
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2706, 0.2980
CMYK	0.00, 0.27, 0.30, 0.00
HSL	6°, 100%, 85%
HSV	6°, 30%, 100%
XYZ	66.9356, 59.6325, 50.6302
YIQ	205.8330, 43.3710, 12.4510

Conversions

Conversions Part 2

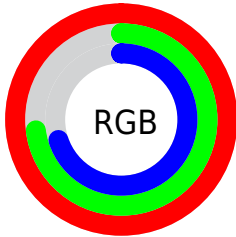
Format	Color
R _Y B	255, 187, 179
Decimal	16759475
CIE Lab	81.64, 23.99, 13.40
CIE LCh	82, 27.479, 29.176
Yxy	59.6325, 0.3777, 0.3365
Android (android.graphics.Color)	4294949555 (0xFFFFBAB3)
YUV	205.8330, -13.2287, 43.1195
Hunter-Lab	77.2221, 19.5840, 15.1823

Details

The XYZ color **66.9356, 59.6325, 50.6302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2066, 83.9356, 107.1087**, and the grayscale version is **58.6232, 61.6762, 67.1654**.

A 20% lighter version of the original color is **87.9875, 90.7624, 91.4787**, and **35.0431, 29.8792, 23.6590** is the 20% darker color. If you saturate the color by 10%, you get **60.1031, 49.7201, 36.7838**, and if you desaturate by 10%, it is **75.0381, 71.3213, 67.2540**.

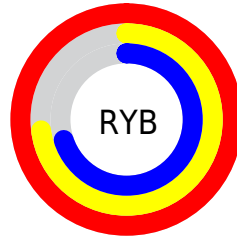
Distribution



Red (100%)

Green (73%)

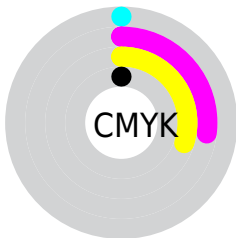
Blue (70%)



Red (100%)

Yellow (73%)

Blue (70%)

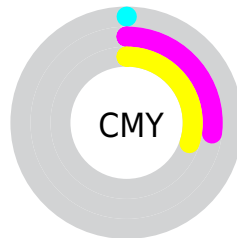


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9356, 59.6325, 50.6302 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 66.9356, 59.6325, 50.6302 by changing the saturation by 10% instead.


 66.9356, 59.6325,
50.6302

 66.9356, 59.6325,
50.6302


439.1516,
423.2419, 405.9308

 49.3028, 43.1225,
35.5397


 113.8784,
104.2964, 92.5138

 35.0753, 29.9812,
23.7920


143.9192,
133.2190, 120.1440

 23.8876, 19.8243,
14.9687


178.8266,
167.0480, 152.7912

 15.3746, 12.2674,
8.6510

218.9661,
206.1677, 190.8739

 9.1707, 6.9261,
4.4206

264.7030,
250.9626, 234.8107

 4.9107, 3.4159,
1.8588

316.4026,

 2.2292, 1.3525,

301.8170, 285.0200

0.4663

374.4304,
359.1153, 341.9206

■ 0.7581, 0.1813,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9356, 59.6325,
50.6302

■ 66.9356, 59.6325,
50.6302

■ 60.1031, 49.7201,
36.7838

■ 75.0381, 71.3213,
67.2540

■ 54.4717, 41.4893,
25.5598

■ 84.4659, 84.8587,
86.7915

■ 49.9731, 34.8490,
16.7938

95.0500, 100.0000,
108.9000

■ 46.5299, 29.6964,
10.3010

■ 44.0550, 25.9162,
5.8706

■ 42.4473, 23.3763,
3.2522

■ 41.5685, 21.9127,
2.0531

■ 41.5565, 21.8930,
2.0355

Harmonies

Analogous

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



68.5204, 59.6325, 65.3880



66.9356, 59.6325, 50.6302



62.5601, 59.6325, 41.2738

Triad

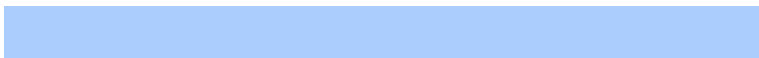
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9356, 59.6325, 50.6302



47.6696, 59.6325, 49.9621



56.5194, 59.6325, 102.1933

Complementary

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



66.9356, 59.6325, 50.6302



70.2066, 83.9356, 107.1087

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.



51.1783, 59.6325, 96.2402



66.9356, 59.6325, 50.6302



46.2869, 59.6325, 64.4734

Square

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



66.9356, 59.6325, 50.6302



51.4371, 59.6325, 40.9366



47.5274, 59.6325, 81.6959



62.2652, 59.6325, 96.8360

Rectangle

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



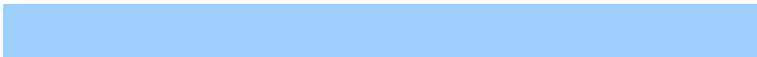
66.9356, 59.6325, 50.6302



58.7895, 59.6325, 38.4391



47.5274, 59.6325, 81.6959



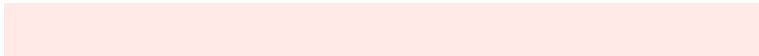
54.6194, 59.6325, 101.4342

Sweetspot

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



66.9371, 59.6353, 50.6314



85.2825, 86.0289, 88.4915



74.4073, 60.3196, 97.0714



17.9388, 17.9621, 18.2849



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.



66.9371, 59.6353, 50.6314



62.5570, 53.2879, 41.7328



75.8538, 77.4687, 53.6036



18.1440, 18.2561, 18.7118



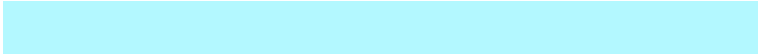
21.7591, 11.5295, 1.0786



2.1619, 1.2092, 0.1195

Inverse Universe

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



70.2066, 83.9356, 107.1087



66.3151, 81.2673, 106.7987



59.8525, 63.2274, 103.6573



18.4033, 20.1782, 23.1748



24.4946, 33.8988, 54.6867



2.4250, 3.3807, 5.3380

Previews

White Background



This preview shows how the XYZ color 66.9356, 59.6325, 50.6302 looks on a white background.

Color Contrast Check

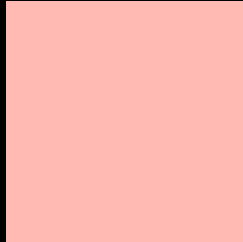
Large Text (above 18pt) WCAG AA × Fail

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 66.9356, 59.6325, 50.6302 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 66.9356, 59.6325, 50.6302

Background



This preview shows how black text looks on a background with the XYZ color 66.9356, 59.6325, 50.6302.



This preview shows how white text looks on a background with the XYZ color 66.9356, 59.6325,

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

66.9356, 59.6325, 50.6302

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

60.9545, 59.8100, 49.9268



Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

66.9356, 59.6325, 50.6302

Protanomaly

60.4018, 59.7662, 54.2515

Deuteranomaly

62.8207, 59.4389, 50.2813

Tritanomaly

67.9929, 59.7195, 57.2336

Monochromacy



Original Color

66.9356, 59.6325, 50.6302

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.1277, 60.6797, 60.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9356, 59.6325, 50.6302 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, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 179)  
}
```

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, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.9356, 59.6325, 50.6302 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, 186, 179) }
```


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

```
.border{ border-color:rgb(255, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9356, 59.6325, 50.6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 179) }
```

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

```
.background{ background-color: rgb(255,  
186, 179) }
```

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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