

Converting Colors

XYZ(90.5665, 69.0059, 51.1822)

Have a look what the booklet for
XYZ(90.5665, 69.0059, 51.1822)
contains.

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Color

**XYZ(65.0988, 55.9590,
50.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B3
RGB	255, 177, 179
RGB Percent	100%, 69%, 70%
CMY	0.0000, 0.3059, 0.2980
CMYK	0.00, 0.31, 0.30, 0.00
HSL	358°, 100%, 85%
HSV	358°, 31%, 100%
XYZ	65.0988, 55.9590, 50.0179
YIQ	200.5500, 45.8460, 17.1580

Conversions

Conversions Part 2

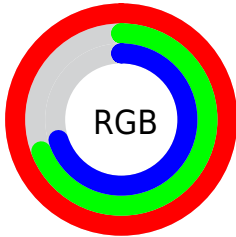
Format	Color
R_{YB}	255, 177, 179
Decimal	16757171
CIE _{Lab}	79.59, 28.71, 10.49
CIE _{LCh}	80, 30.568, 20.075
Yxy	55.9590, 0.3805, 0.3271
Android (android.graphics.Color)	4294947251 (0xFFFFB1B3)
YUV	200.5500, -10.6242, 47.7526
Hunter-Lab	74.8057, 24.4274, 12.7205

Details

The XYZ color **65.0988, 55.9590, 50.0179** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6235, 87.9601, 106.1361**, and the grayscale version is **55.2840, 58.1631, 63.3396**.

A 20% lighter version of the original color is **85.3743, 85.5360, 90.6076**, and **33.9995, 27.7920, 23.3111** is the 20% darker color. If you saturate the color by 10%, you get **58.2339, 45.8949, 36.4282**, and if you desaturate by 10%, it is **73.3606, 68.0916, 66.3084**.

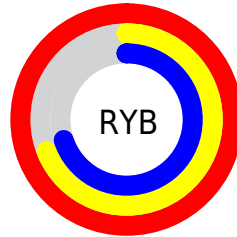
Distribution



Red (100%)

Green (69%)

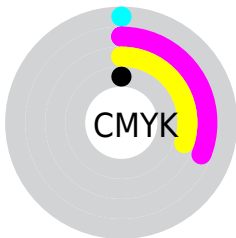
Blue (70%)



Red (100%)

Yellow (69%)

Blue (70%)

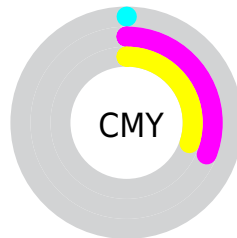


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0988, 55.9590, 50.0179 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 65.0988, 55.9590, 50.0179 by changing the saturation by 10% instead.


 65.0988, 55.9590,
50.0179

 65.0988, 55.9590,
50.0179

432.6865,
409.5370, 403.4730

 47.8062, 40.1701,
35.0563


 111.2568, 98.9446,
91.5980

 33.8840, 27.6712,
23.4224


140.8529,
126.9101, 119.0536

 22.9670, 18.0779,
14.6975


175.2809,
159.7032, 151.5109

 14.6897, 11.0059,
8.4631

214.9061,
197.7083, 189.3886

 8.6868, 6.0708,
4.3007

260.0940,
241.3099, 233.1051

 4.5929, 2.8882,
1.7917

311.2097,

 2.0427, 1.0736,

290.8922, 283.0790

0.4225

368.6188,
346.8398, 339.7288

■ 0.6578, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0988, 55.9590,
50.0179

■ 65.0988, 55.9590,
50.0179

■ 58.2339, 45.8949,
36.4282

■ 73.3606, 68.0916,
66.3084

■ 52.6845, 37.7765,
25.3903

■ 83.0858, 82.3907,
85.4310

■ 48.3679, 31.4806,
16.7460

94.3420, 98.9575,
107.5126

■ 45.1901, 26.8665,
10.3180

95.0500, 100.0000,
108.9000

■ 43.0435, 23.7728,
5.9045

■ 41.8000, 22.0068,
3.2672

■ 41.2757, 21.2743,
2.1181

Harmonies

Analogous

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



65.7210, 55.9590, 66.9622



65.0988, 55.9590, 50.0179



61.1522, 55.9590, 38.4531

Triad

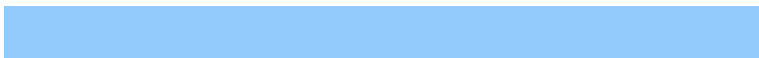
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0988, 55.9590, 50.0179



44.6158, 55.9590, 41.6587



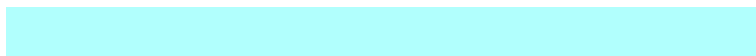
51.1729, 55.9590, 100.7981

Complementary

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



65.0988, 55.9590, 50.0179



71.6235, 87.9601, 106.1361

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.



45.9460, 55.9590, 90.8028



65.0988, 55.9590, 50.0179



42.3580, 55.9590, 55.2711

Square

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



65.0988, 55.9590, 50.0179



49.2266, 55.9590, 34.3119



42.8255, 55.9590, 73.3235



57.3550, 55.9590, 98.6423

Rectangle

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



65.0988, 55.9590, 50.0179



57.3245, 55.9590, 34.2913



42.8255, 55.9590, 73.3235



49.2542, 55.9590, 98.6841

Sweetspot

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



65.1003, 55.9616, 50.0190



84.7668, 84.8638, 88.7318



74.0634, 59.4372, 102.1767



17.8131, 17.6782, 18.3434



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.



65.1003, 55.9616, 50.0190



60.5403, 49.2742, 40.9999



73.0724, 72.2264, 51.6882



18.0282, 17.9946, 18.7657



21.5756, 11.1195, 1.1496



2.1071, 1.0852, 0.1452

Inverse Universe

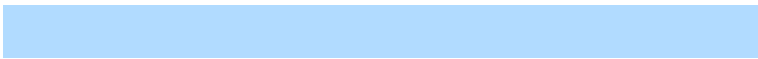
The Inverse Universe completely reimagines the original color for something new.



65.1003, 55.9616, 50.0190



60.5403, 49.2742, 40.9999



61.4111, 67.0241, 104.3080



18.0282, 17.9946, 18.7657



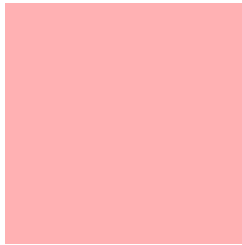
21.5756, 11.1195, 1.1496



2.1071, 1.0852, 0.1452

Previews

White Background



This preview shows how the XYZ color 65.0988, 55.9590, 50.0179 looks on a white background.

Color Contrast Check

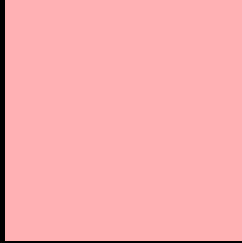
Large Text (above 18pt) WCAG AA × Fail

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 65.0988, 55.9590, 50.0179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

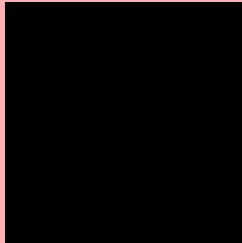
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0988, 55.9590, 50.0179

Background



This preview shows how black text looks on a background with the XYZ color 65.0988, 55.9590, 50.0179.



This preview shows how white text looks on a background with the XYZ color 65.0988, 55.9590,

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

65.0988, 55.9590, 50.0179

Protanopia

53.8891, 56.3467, 56.7509

Deuteranopia

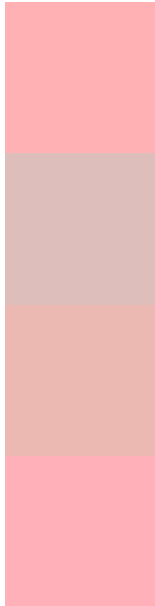
57.0897, 55.8485, 49.3659



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

65.0988, 55.9590, 50.0179

Protanomaly

57.4006, 55.9017, 54.2191

Deuteranomaly

59.6458, 55.5744, 49.7027

Tritanomaly

65.5223, 55.8135, 53.2186

Monochromacy



Original Color

65.0988, 55.9590, 50.0179

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.2941, 56.9217, 58.3666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0988, 55.9590, 50.0179 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, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 65.0988, 55.9590, 50.0179 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, 177, 179) }
```


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

```
.border{ border-color:rgb(255, 177, 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, 177, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0988, 55.9590, 50.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 179) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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