

Converting Colors

XYZ(65.7493, 55.9055, 54.4103)

Have a look what the booklet for
XYZ(65.7493, 55.9055, 54.4103)
contains.

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Color

**XYZ(65.7350, 55.8985,
54.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BB
RGB	255, 176, 187
RGB Percent	100%, 69%, 73%
CMY	0.0000, 0.3098, 0.2667
CMYK	0.00, 0.31, 0.27, 0.00
HSL	352°, 100%, 85%
HSV	352°, 31%, 100%
XYZ	65.7350, 55.8985, 54.3386
YIQ	200.8750, 43.5530, 20.1690

Conversions

Conversions Part 2

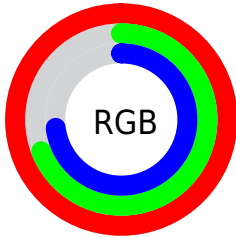
Format	Color
R_{YB}	255, 176, 187
Decimal	16756923
CIE _{Lab}	79.56, 30.29, 6.11
CIE _{LCh}	80, 30.901, 11.407
Yxy	55.8985, 0.3736, 0.3177
Android (android.graphics.Color)	4294947003 (0xFFFFB0BB)
YUV	200.8750, -6.8404, 47.4676
Hunter-Lab	74.7653, 26.1011, 9.2444

Details

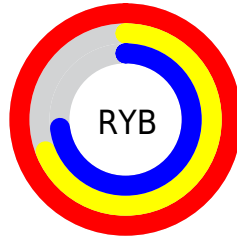
The XYZ color **65.7350, 55.8985, 54.3386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9958, 87.2828, 98.7501**, and the grayscale version is **55.4633, 58.3517, 63.5450**.

A 20% lighter version of the original color is **86.2743, 85.4443, 96.7393**, and **34.4120, 27.7575, 26.0983** is the 20% darker color. If you saturate the color by 10%, you get **59.0235, 45.9531, 41.3804**, and if you desaturate by 10%, it is **73.7475, 67.8708, 69.5039**.

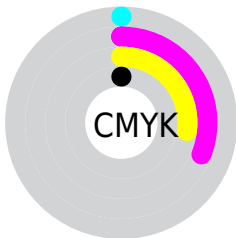
Distribution



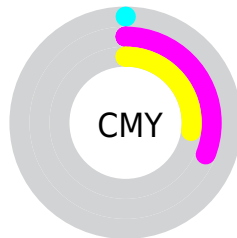
- Red (100%)
- Green (69%)
- Blue (73%)



- Red (100%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7350, 55.8985, 54.3386 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 65.7350, 55.8985, 54.3386 by changing the saturation by 10% instead.


 65.7350, 55.8985,
54.3386

 65.7350, 55.8985,
54.3386


434.9321,
409.3089, 420.6110

 48.3242, 40.1216,
38.4774


 112.1657, 98.8562,
98.0326

 34.2960, 27.6333,
26.0487

141.9164,
126.8057, 126.7026

 23.2851, 18.0494,
16.6340


176.5111,
159.5815, 160.4792

 14.9260, 10.9855,
9.8147

216.3152,
197.5680, 199.7809

 8.8534, 6.0571,
5.1723

261.6939,
241.1496, 245.0265

 4.7021, 2.8798,
2.2882


313.0128,

 2.1065, 1.0693,


290.7107, 296.6343


0.7246


370.6371,
346.6356, 355.0229


 0.6927, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.7350, 55.8985,
54.3386


 65.7350, 55.8985,
54.3386


 59.0235, 45.9531,
41.3804


 73.7475, 67.8708,
69.5039

 53.5399, 37.9150,
30.5227

 83.1209, 81.9656,
86.9693

 49.2103, 31.6641,
21.6552

 93.9159, 98.2817,
106.8265

 45.9508, 27.0631,
14.6560

95.0500, 100.0000,
108.9000

■ 43.6661, 23.9549,
9.3894

■ 42.2433, 22.1517,
5.7011

■ 41.5507, 21.3843,
3.5664

Harmonies

Analogous

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



65.2890, 55.8985, 72.4493



65.7350, 55.8985, 54.3386



62.6130, 55.8985, 40.9063

Triad

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



65.7350, 55.8985, 54.3386



45.6066, 55.8985, 38.6216



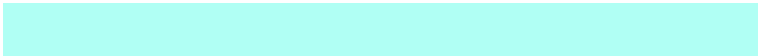
49.4076, 55.8985, 99.4363

Complementary

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



65.7350, 55.8985, 54.3386



69.9958, 87.2828, 98.7501

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.



44.6561, 55.8985, 86.4416



65.7350, 55.8985, 54.3386



42.5826, 55.8985, 50.5846

Square

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



65.7350, 55.8985, 54.3386



50.7996, 55.8985, 33.0871



42.2488, 55.8985, 67.8919



55.5302, 55.8985, 100.9853

Rectangle

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



65.7350, 55.8985, 54.3386



59.0607, 55.8985, 35.4737



42.2488, 55.8985, 67.8919



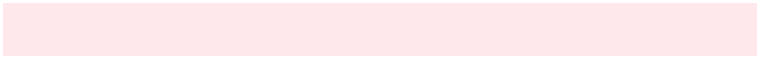
47.6099, 55.8985, 96.1588

Sweetspot

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



65.7363, 55.9010, 54.3397



85.1414, 85.0137, 90.7043



70.5908, 57.3547, 101.9578



17.9045, 17.7147, 18.8244



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.



65.7363, 55.9010, 54.3397



61.5426, 49.6751, 46.2779



70.5878, 67.4163, 50.3698



18.1123, 18.0282, 19.2086



21.7422, 11.1862, 2.0272



2.1467, 1.1011, 0.3542

Inverse Universe

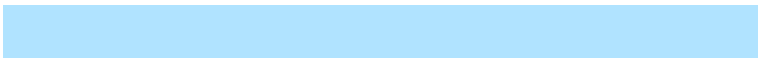
The Inverse Universe completely reimagines the original color for something new.



65.7363, 55.9010, 54.3397



61.5426, 49.6751, 46.2779



63.5214, 71.5819, 105.0765



18.1123, 18.0282, 19.2086



21.7422, 11.1862, 2.0272



2.1467, 1.1011, 0.3542

Previews

White Background



This preview shows how the XYZ color 65.7350, 55.8985, 54.3386 looks on a white background.

Color Contrast Check

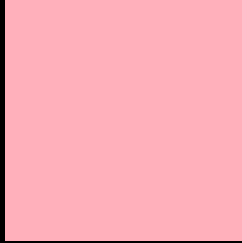
Large Text (above 18pt) WCAG AA × Fail

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 65.7350, 55.8985, 54.3386 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 65.7350, 55.8985, 54.3386

Background



This preview shows how black text looks on a background with the XYZ color 65.7350, 55.8985, 54.3386.



This preview shows how white text looks on a background with the XYZ color 65.7350, 55.8985,

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

65.7350, 55.8985, 54.3386

Protanopia

54.3624, 56.4735, 62.0681

Deuteranopia

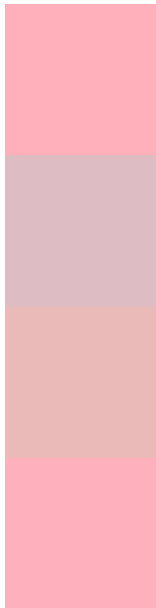
57.4067, 56.2519, 53.1794



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

65.7350, 55.8985, 54.3386

Protanomaly

57.8667, 55.7075, 59.3325

Deuteranomaly

60.2475, 56.1130, 53.5544

Tritanomaly

65.8424, 55.9415, 54.9045

Monochromacy



Original Color

65.7350, 55.8985, 54.3386

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.6322, 57.0569, 60.1474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7350, 55.8985, 54.3386 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, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 187)  
}
```

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, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.7350, 55.8985, 54.3386 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, 176, 187) }
```


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

```
.border{ border-color:rgb(255, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7350, 55.8985, 54.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 187) }
```

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

```
.background{ background-color: rgb(255,  
176, 187) }
```

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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