

Converting Colors

XYZ(105.9755, 76.5397,
55.5812)

Have a look what the booklet for
XYZ(105.9755, 76.5397, 55.5812)
contains.

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Color

**XYZ(65.6283, 55.8558,
53.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BA
RGB	255, 176, 186
RGB Percent	100%, 69%, 73%
CMY	0.0000, 0.3098, 0.2706
CMYK	0.00, 0.31, 0.27, 0.00
HSL	352°, 100%, 85%
HSV	352°, 31%, 100%
XYZ	65.6283, 55.8558, 53.7766
YIQ	200.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

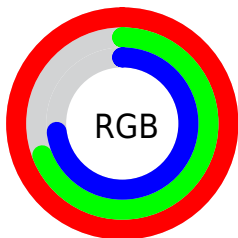
Format	Color
R_{YB}	255, 176, 186
Decimal	16756922
CIE _{Lab}	79.53, 30.16, 6.62
CIE _{LCh}	80, 30.874, 12.379
Yxy	55.8558, 0.3745, 0.3187
Android (android.graphics.Color)	4294947002 (0xFFFFB0BA)
YUV	200.7610, -7.2772, 47.5676
Hunter-Lab	74.7367, 25.9563, 9.6538

Details

The XYZ color **65.6283, 55.8558, 53.7766** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1481, 87.3437, 99.5521**, and the grayscale version is **55.3952, 58.2800, 63.4669**.

A 20% lighter version of the original color is **86.1236, 85.3840, 95.9460**, and **34.3426, 27.7297, 25.7326** is the 20% darker color. If you saturate the color by 10%, you get **58.9036, 45.9051, 40.7492**, and if you desaturate by 10%, it is **73.6639, 67.8373, 69.0633**.

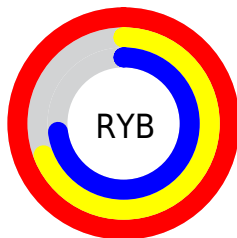
Distribution



Red (100%)

Green (69%)

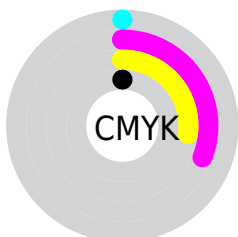
Blue (73%)



Red (100%)

Yellow (69%)

Blue (73%)

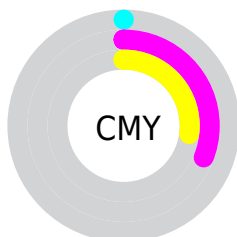


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6283, 55.8558, 53.7766 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 65.6283, 55.8558, 53.7766 by changing the saturation by 10% instead.

65.6283, 55.8558,
53.7766

65.6283, 55.8558,
53.7766

434.5560,
409.1478, 418.4081

48.2373, 40.0873,
38.0311

112.0134, 98.7937,
97.1992

34.2269, 27.6066,
25.7048

141.7382,
126.7319, 125.7135

23.2317, 18.0293,
16.3792

176.3049,
159.4955, 159.3211

14.8863, 10.9711,
9.6356

216.0791,
197.4689, 198.4406

8.8254, 6.0474,
5.0556

261.4259,
241.0364, 243.4905

4.6837, 2.8739,
2.2206

312.7107,

2.0957, 1.0663,

290.5825, 294.8893

0.6862

370.2990,
346.4915, 353.0557

■ 0.6869, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6283, 55.8558,
53.7766

■ 65.6283, 55.8558,
53.7766

■ 58.9036, 45.9051,
40.7492

■ 73.6639, 67.8373,
69.0633

■ 53.4160, 37.8654,
29.8703

■ 83.0708, 81.9456,
86.7060

■ 49.0906, 31.6162,
21.0249

■ 93.9108, 98.2797,
106.7999

■ 45.8425, 27.0197,
14.0857

■ 95.0500, 100.0000,
108.9000

■ 43.5753, 23.9185,
8.9111

■ 42.1745, 22.1242,
5.3390

■ 41.5043, 21.3657,
3.3219

Harmonies

Analogous

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



65.3032, 55.8558, 71.7691



65.6283, 55.8558, 53.7766



62.4082, 55.8558, 40.5556

Triad

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



65.6283, 55.8558, 53.7766



45.4402, 55.8558, 38.8906



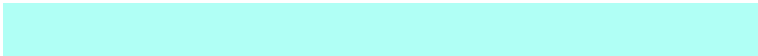
49.5557, 55.8558, 99.5825

Complementary

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



65.6283, 55.8558, 53.7766



70.1481, 87.3437, 99.5521

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.



44.7475, 55.8558, 86.9042



65.6283, 55.8558, 53.7766



42.5019, 55.8558, 51.0408

Square

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



65.6283, 55.8558, 53.7766



50.5702, 55.8558, 33.1555



42.2586, 55.8558, 68.4476



55.6906, 55.8558, 100.7115

Rectangle

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



65.6283, 55.8558, 53.7766



58.8204, 55.8558, 35.2694



42.2586, 55.8558, 68.4476



47.7431, 55.8558, 96.4309

Sweetspot

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



65.6296, 55.8583, 53.7777



85.0994, 84.9969, 90.4831



71.0472, 57.5899, 101.9791



17.8942, 17.7106, 18.7704



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.



65.6296, 55.8583, 53.7777



61.4268, 49.6288, 45.6682



70.9014, 68.0434, 50.4743



18.1029, 18.0245, 19.1589



21.7157, 11.1756, 1.8876



2.1423, 1.0993, 0.3309

Inverse Universe

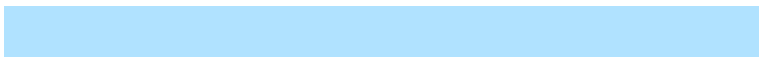
The Inverse Universe completely reimagines the original color for something new.



65.6296, 55.8583, 53.7777



61.4268, 49.6288, 45.6682



63.1619, 70.8629, 104.9567



18.1029, 18.0245, 19.1589



21.7157, 11.1756, 1.8876



2.1423, 1.0993, 0.3309

Previews

White Background



This preview shows how the XYZ color 65.6283, 55.8558, 53.7766 looks on a white background.

Color Contrast Check

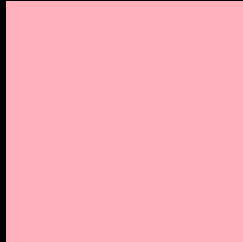
Large Text (above 18pt) WCAG AA × Fail

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 65.6283, 55.8558, 53.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

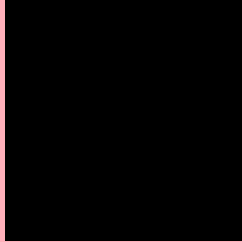
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6283, 55.8558, 53.7766

Background



This preview shows how black text looks on a background with the XYZ color 65.6283, 55.8558, 53.7766.



This preview shows how white text looks on a background with the XYZ color 65.6283, 55.8558,

53.7766.

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

65.6283, 55.8558, 53.7766

Protanopia

54.1317, 56.3812, 60.8529

Deuteranopia

57.3022, 56.2101, 52.6292



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

65.6283, 55.8558, 53.7766



Protanomaly

57.6420, 55.6176, 58.1493



Deuteranomaly

60.1423, 56.0709, 53.0003



Tritanomaly

65.8424, 55.9415, 54.9045

Monochromacy



Original Color

65.6283, 55.8558, 53.7766



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 65.6283, 55.8558, 53.7766 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 186) }
```

Border

The CSS property to change the border of an element to XYZ 65.6283, 55.8558, 53.7766 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, 186) }
```


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

```
.border{ border-color:rgb(255, 176, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6283, 55.8558, 53.7766 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
176, 186) }
```

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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