

Converting Colors

XYZ(94.5088, 70.3337, 56.9308)

Have a look what the booklet for
XYZ(94.5088, 70.3337, 56.9308)
contains.

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Color

**XYZ(65.7553, 55.5941,
55.4092)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAFBD |
| RGB | 255, 175, 189 |
| RGB Percent | 100%, 69%, 74% |
| CMY | 0.0000, 0.3137, 0.2588 |
| CMYK | 0.00, 0.31, 0.26, 0.00 |
| HSL | 350°, 100%, 84% |
| HSV | 350°, 31%, 100% |
| XYZ | 65.7553, 55.5941, 55.4092 |
| YIQ | 200.5160, 43.1860, 21.3140 |

Conversions

Conversions Part 2

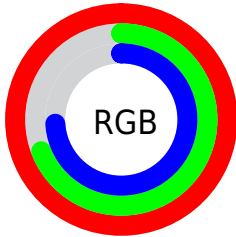
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 175, 189 |
| Decimal | 16756669 |
| CIE Lab | 79.38, 31.09, 4.78 |
| CIE LCh | 79, 31.450, 8.737 |
| Yxy | 55.5941, 0.3720, 0.3145 |
| Android (android.graphics.Color) | 4294946749 (0xFFFFAFBD) |
| YUV | 200.5160, -5.6774, 47.7825 |
| Hunter-Lab | 74.5615, 26.9355, 8.1326 |

Details

The XYZ color **65.7553, 55.5941, 55.4092** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3186, 86.9859, 96.3597**, and the grayscale version is **55.2345, 58.1110, 63.2829**.

A 20% lighter version of the original color is **86.2973, 85.0044, 98.2453**, and **34.4294, 27.5670, 26.7989** is the 20% darker color. If you saturate the color by 10%, you get **59.1321, 45.7413, 42.7398**, and if you desaturate by 10%, it is **73.6496, 67.4587, 70.1380**.

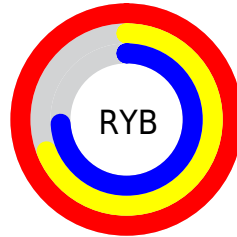
Distribution



Red (100%)

Green (69%)

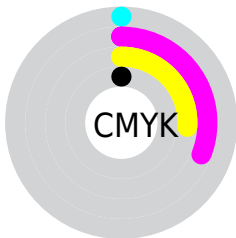
Blue (74%)



Red (100%)

Yellow (69%)

Blue (74%)

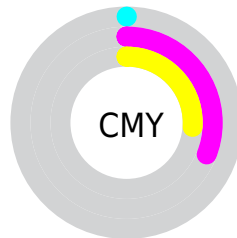


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7553, 55.5941, 55.4092 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 65.7553, 55.5941, 55.4092 by changing the saturation by 10% instead.


 65.7553, 55.5941,
55.4092

 65.7553, 55.5941,
55.4092


435.0037,
408.1600, 424.7868

 48.3408, 39.8776,
39.3286


 112.1947, 98.4109,
99.6174

 34.3092, 27.4431,
26.7057


141.9503,
126.2799, 128.5821

 23.2952, 17.9063,
17.1218


176.5503,
158.9685, 162.6786

 14.9336, 10.8827,
10.1585

216.3601,
196.8612, 202.3254

 8.8588, 5.9880,
5.3972

261.7449,
240.3423, 247.9411

 4.7056, 2.8378,
2.4194


313.0702,


 2.1085, 1.0477,


289.7962, 299.9442

0.7970


370.7014,
345.6073, 358.7532


 0.6938, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.7553, 55.5941,
55.4092

 65.7553, 55.5941,
55.4092


 59.1321, 45.7413,
42.7398


 73.6496, 67.4587,
70.1380

 53.7089, 37.7811,
32.0341

 82.8731, 81.4302,
87.0095

 49.4137, 31.5938,
23.1936

 93.4850, 97.6070,
106.1061

 46.1649, 27.0427,
16.1098

95.0500, 100.0000,
108.9000

■ 43.8696, 23.9708,
10.6626

■ 42.4178, 22.1904,
6.7163

■ 41.7062, 21.4465,
4.3851

Harmonies

Analogous

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



64.9662, 55.5941, 74.0210



65.7553, 55.5941, 55.4092



62.8751, 55.5941, 41.2979

Triad

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



65.7553, 55.5941, 55.4092



45.6100, 55.5941, 37.2829



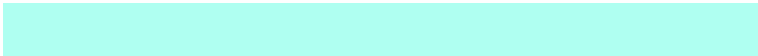
48.5637, 55.5941, 99.0082

Complementary

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



65.7553, 55.5941, 55.4092



69.3186, 86.9859, 96.3597

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.



43.9347, 55.5941, 84.9682



65.7553, 55.5941, 55.4092



42.3261, 55.5941, 48.7911

Square

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



65.7553, 55.5941, 55.4092



51.0199, 55.5941, 32.2860



41.7382, 55.5941, 65.9623



54.7039, 55.5941, 101.7560

Rectangle

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



65.7553, 55.5941, 55.4092



59.3870, 55.5941, 35.4348



41.7382, 55.5941, 65.9623



46.7938, 55.5941, 95.3359

Sweetspot

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



65.7567, 55.5967, 55.4103



85.2605, 85.0613, 91.3312



69.4301, 56.4663, 101.8475



17.9336, 17.7263, 18.9776



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.



65.7567, 55.5967, 55.4103



61.2270, 48.8451, 46.7855



69.7111, 65.8206, 49.5913



18.1391, 18.0389, 19.3495



21.8298, 11.2212, 2.4881



2.1594, 1.1061, 0.4210

Inverse Universe

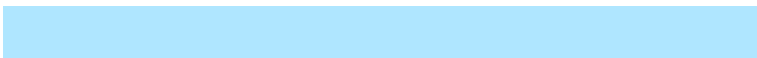
The Inverse Universe completely reimagines the original color for something new.



65.7567, 55.5967, 55.4103



61.2270, 48.8451, 46.7855



63.9354, 72.7441, 105.2790



18.1391, 18.0389, 19.3495



21.8298, 11.2212, 2.4881



2.1594, 1.1061, 0.4210

Previews

White Background



This preview shows how the XYZ color 65.7553, 55.5941, 55.4092 looks on a white background.

Color Contrast Check

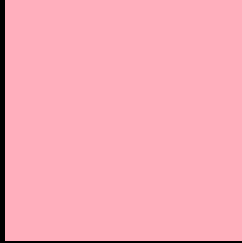
Large Text (above 18pt) WCAG AA × Fail

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 65.7553, 55.5941, 55.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

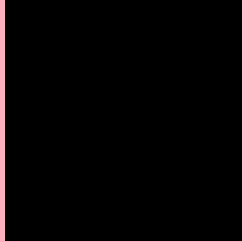
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7553, 55.5941, 55.4092

Background



This preview shows how black text looks on a background with the XYZ color 65.7553, 55.5941, 55.4092.



This preview shows how white text looks on a background with the XYZ color 65.7553, 55.5941,

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

65.7553, 55.5941, 55.4092

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

56.7916, 55.5877, 54.1906



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

65.7553, 55.5941, 55.4092

Protanomaly

57.2747, 55.0577, 60.4318

Deuteranomaly

59.9229, 55.6094, 54.5891

Tritanomaly

65.6471, 55.5508, 54.8393

Monochromacy



Original Color

65.7553, 55.5941, 55.4092

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.7465, 57.1026, 60.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7553, 55.5941, 55.4092 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, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 189)  
}
```

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, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.7553, 55.5941, 55.4092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

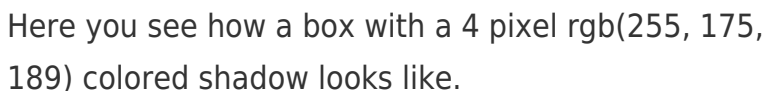
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 189) }
```


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

```
.border{ border-color:rgb(255, 175, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7553, 55.5941, 55.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 189) }
```

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

```
.background{ background-color: rgb(255,  
175, 189) }
```

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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