

Converting Colors

XYZ(65.2532, 55.1233, 58.7265)

Have a look what the booklet for
XYZ(65.2532, 55.1233, 58.7265)
contains.

XYZ(65.3252, 55.2955, 58.8599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3252, 55.2955,
58.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAFC3
RGB	252, 175, 195
RGB Percent	99%, 69%, 76%
CMY	0.0118, 0.3137, 0.2353
CMYK	0.00, 0.31, 0.23, 0.01
HSL	344°, 93%, 84%
HSV	344°, 31%, 99%
XYZ	65.3252, 55.2955, 58.8599
YIQ	200.3030, 39.4720, 22.5440

Conversions

Conversions Part 2

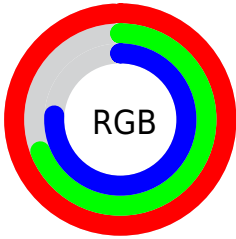
Format	Color
R_{YB}	252, 175, 195
Decimal	16560067
CIE _{Lab}	79.21, 30.86, 1.23
CIE _{LCh}	79, 30.881, 2.290
Yxy	55.2955, 0.3640, 0.3081
Android (android.graphics.Color)	4294750147 (0xFFFC AFC3)
YUV	200.3030, -2.6144, 45.3383
Hunter-Lab	74.3609, 26.6785, 5.1221

Details

The XYZ color **65.3252, 55.2955, 58.8599** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0574, 84.5624, 89.1359**, and the grayscale version is **55.0863, 57.9551, 63.1131**.

A 20% lighter version of the original color is **87.2285, 85.3769, 103.1487**, and **34.0154, 27.3115, 28.6781** is the 20% darker color. If you saturate the color by 10%, you get **58.8912, 45.5947, 46.9505**, and if you desaturate by 10%, it is **72.9410, 66.9372, 72.4647**.

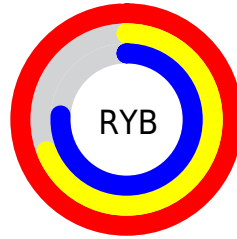
Distribution



Red (99%)

Green (69%)

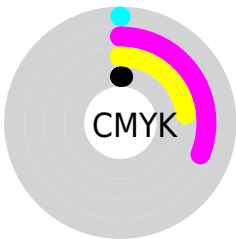
Blue (76%)



Red (99%)

Yellow (69%)

Blue (76%)

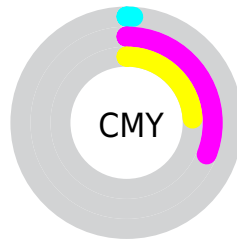


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3252, 55.2955, 58.8599 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 65.3252, 55.2955, 58.8599 by changing the saturation by 10% instead.


 65.3252, 55.2955,
58.8599

 65.3252, 55.2955,
58.8599


433.4864,
407.0311, 438.0699

 47.9905, 39.6384,
42.0811

 111.5804, 97.9738,
104.7011

 34.0306, 27.2567,
28.8387


141.2316,
125.7637, 134.6006

 23.0801, 17.7661,
18.7143


175.7190,
158.3667, 169.7108

 14.7737, 10.7822,
11.2893

215.4079,
196.1671, 210.4501

 8.7460, 5.9206,
6.1452

260.6638,
239.5493, 257.2371

 4.6316, 2.7968,
2.8633

311.8519,

 2.0653, 1.0266,

288.8978, 310.4904

1.0253

369.3377,
344.5969, 370.6285

■ 0.6703, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3252, 55.2955,
58.8599

■ 65.3252, 55.2955,
58.8599

■ 58.8912, 45.5947,
46.9505

■ 72.9410, 66.9372,
72.4647

■ 53.5738, 37.7212,
36.6652

■ 81.7902, 80.6099,
87.8255

■ 49.3082, 31.5614,
27.9323

■ 91.9270, 96.4073,
105.0041

■ 46.0208, 26.9859,
20.6732

■ 93.9551, 99.4356,
108.8488

■ 43.6282, 23.8465,
14.8018

■ 42.0317, 21.9664,
10.2218

■ 41.1121, 21.0824,
6.9711

Harmonies

Analogous

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



63.7756, 55.2955, 77.4297



65.3252, 55.2955, 58.8599



63.2378, 55.2955, 43.8190

Triad

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



65.3252, 55.2955, 58.8599



46.4701, 55.2955, 35.8093



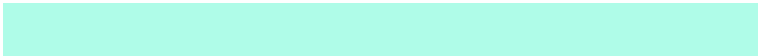
47.2306, 55.2955, 95.5769

Complementary

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



65.3252, 55.2955, 58.8599



67.0574, 84.5624, 89.1359

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.



43.1516, 55.2955, 80.2440



65.3252, 55.2955, 58.8599



42.7373, 55.2955, 45.7493

Square

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



65.3252, 55.2955, 58.8599



52.0841, 55.2955, 32.2380



41.5709, 55.2955, 61.5753



53.0322, 55.2955, 100.9403

Rectangle

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



65.3252, 55.2955, 58.8599



60.1528, 55.2955, 37.1286



41.5709, 55.2955, 61.5753



45.6286, 55.2955, 91.2873

Sweetspot

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



65.3267, 55.2981, 58.8610



85.5448, 85.1750, 92.8284



66.0085, 54.7577, 99.1862



18.0031, 17.7542, 19.3438



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

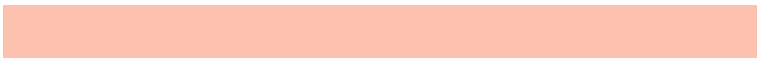
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3267, 55.2981, 58.8610



62.6968, 50.1368, 52.3562



66.9472, 61.9183, 48.9835



17.4296, 17.2992, 18.8521



21.4664, 11.0023, 3.8985



2.0295, 1.0356, 0.5790

Inverse Universe

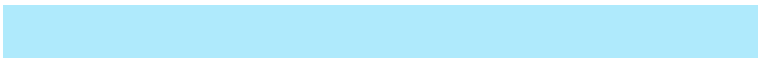
The Inverse Universe completely reimagines the original color for something new.



65.3267, 55.2981, 58.8610



62.6968, 50.1368, 52.3562



64.6842, 75.0087, 103.1649



17.4296, 17.2992, 18.8521



21.4664, 11.0023, 3.8985



2.0295, 1.0356, 0.5790

Previews

White Background



This preview shows how the XYZ color 65.3252, 55.2955, 58.8599 looks on a white background.

Color Contrast Check

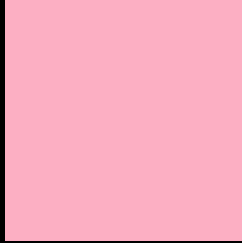
Large Text (above 18pt) WCAG AA × Fail

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 65.3252, 55.2955, 58.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

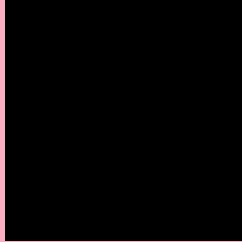
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3252, 55.2955, 58.8599

Background



This preview shows how black text looks on a background with the XYZ color 65.3252, 55.2955, 58.8599.



This preview shows how white text looks on a background with the XYZ color 65.3252, 55.2955,

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

65.3252, 55.2955, 58.8599

Protanopia

53.8035, 55.4055, 66.8901

Deuteranopia

56.5432, 55.3844, 57.5793



Tritanopia

64.4943, 55.2340, 55.4061

Trichromacy



Original Color

65.3252, 55.2955, 58.8599



Protanomaly

57.3780, 55.0300, 64.0976



Deuteranomaly

59.6077, 55.3712, 57.9981



Tritanomaly

64.7130, 55.3215, 56.5576

Monochromacy



Original Color

65.3252, 55.2955, 58.8599



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.0373, 56.3989, 61.2533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3252, 55.2955, 58.8599 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(252, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 175, 195)  
}
```

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(252, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 175, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.3252, 55.2955, 58.8599 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(252, 175, 195) }
```


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

```
.border{ border-color:rgb(252, 175, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 175,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3252, 55.2955, 58.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 175, 195) }
```

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

```
.background{ background-color: rgb(252,  
175, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor