

Converting Colors

XYZ(77.2477, 61.6097, 56.5336)

Have a look what the booklet for
XYZ(77.2477, 61.6097, 56.5336)
contains.

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Color

**XYZ(65.8642, 55.6376,
55.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFBE
RGB	255, 175, 190
RGB Percent	100%, 69%, 75%
CMY	0.0000, 0.3137, 0.2549
CMYK	0.00, 0.31, 0.25, 0.00
HSL	349°, 100%, 84%
HSV	349°, 31%, 100%
XYZ	65.8642, 55.6376, 55.9829
YIQ	200.6300, 42.8650, 21.6250

Conversions

Conversions Part 2

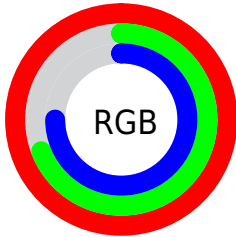
Format	Color
R _Y B	255, 175, 190
Decimal	16756670
CIE Lab	79.41, 31.22, 4.27
CIE LCh	79, 31.513, 7.789
Yxy	55.6376, 0.3711, 0.3135
Android (android.graphics.Color)	4294946750 (0xFFFFAFBE)
YUV	200.6300, -5.2406, 47.6825
Hunter-Lab	74.5906, 27.0836, 7.7142

Details

The XYZ color **65.8642, 55.6376, 55.9829** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1695, 86.9263, 95.5749**, and the grayscale version is **55.3024, 58.1824, 63.3607**.

A 20% lighter version of the original color is **86.4505, 85.0656, 99.0517**, and **34.5008, 27.5955, 27.1750** is the 20% darker color. If you saturate the color by 10%, you get **59.2556, 45.7906, 43.3900**, and if you desaturate by 10%, it is **73.7347, 67.4926, 70.5861**.

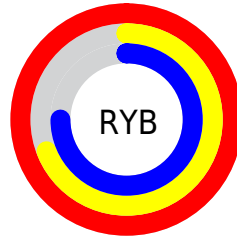
Distribution



Red (100%)

Green (69%)

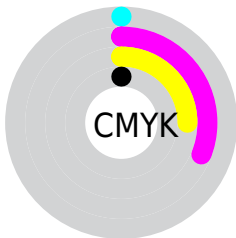
Blue (75%)



Red (100%)

Yellow (69%)

Blue (75%)

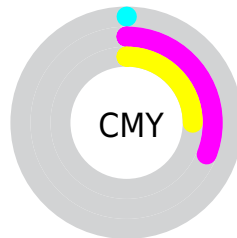


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8642, 55.6376, 55.9829 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 65.8642, 55.6376, 55.9829 by changing the saturation by 10% instead.


 65.8642, 55.6376,
55.9829

 65.8642, 55.6376,
55.9829


435.3874,
408.3243, 427.0136

 48.4295, 39.9124,
39.7853


 112.3502, 98.4745,
100.4651

 34.3798, 27.4703,
27.0587


142.1322,
126.3551, 129.5868

 23.3498, 17.9267,
17.3845


176.7607,
159.0562, 163.8537

 14.9741, 10.8974,
10.3441

216.6009,
196.9623, 203.6842

 8.8874, 5.9979,
5.5191

262.0184,
240.4577, 249.4969

 4.7243, 2.8438,
2.4910


313.3784,


 2.1195, 1.0507,


289.9270, 301.7103


0.8354

371.0462,
345.7544, 360.7430


 0.6998, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.8642, 55.6376,
55.9829


 65.8642, 55.6376,
55.9829


 59.2556, 45.7906,
43.3900


 73.7347, 67.4926,
70.5861

 53.8383, 37.8328,
32.7153

 82.9243, 81.4506,
87.2794

 49.5410, 31.6447,
23.8643

 93.4918, 97.6096,
106.1424

 46.2832, 27.0900,
16.7329

95.0500, 100.0000,
108.9000

■ 43.9728, 24.0121,
11.2063

■ 42.5010, 22.2237,
7.1547

■ 41.7694, 21.4718,
4.7177

Harmonies

Analogous

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



64.9540, 55.6376, 74.7173



65.8642, 55.6376, 55.9829



63.0827, 55.6376, 41.6523

Triad

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



65.8642, 55.6376, 55.9829



45.7770, 55.6376, 37.0207



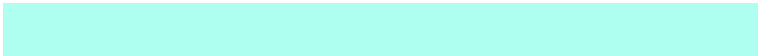
48.4182, 55.6376, 98.8675

Complementary

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



65.8642, 55.6376, 55.9829



69.1695, 86.9263, 95.5749

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.



43.8447, 55.6376, 84.5161



65.8642, 55.6376, 55.9829



42.4066, 55.6376, 48.3487

Square

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



65.8642, 55.6376, 55.9829



51.2514, 55.6376, 32.2178



41.7285, 55.6376, 65.4219



54.5466, 55.6376, 102.0367

Rectangle

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



65.8642, 55.6376, 55.9829



59.6303, 55.6376, 35.6389



41.7285, 55.6376, 65.4219



46.6628, 55.6376, 95.0704

Sweetspot

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



65.8656, 55.6402, 55.9840



85.3022, 85.0780, 91.5511



68.9782, 56.2333, 101.8263



17.9438, 17.7304, 19.0313



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.



65.8656, 55.6402, 55.9840



61.3466, 48.8929, 47.4153



69.4029, 65.2043, 49.4884



18.1484, 18.0427, 19.3989



21.8649, 11.2353, 2.6733



2.1642, 1.1080, 0.4460

Inverse Universe

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



65.8656, 55.6402, 55.9840



61.3466, 48.8929, 47.4153



64.3071, 73.4876, 105.4029



18.1484, 18.0427, 19.3989



21.8649, 11.2353, 2.6733



2.1642, 1.1080, 0.4460

Previews

White Background



This preview shows how the XYZ color 65.8642, 55.6376, 55.9829 looks on a white background.

Color Contrast Check

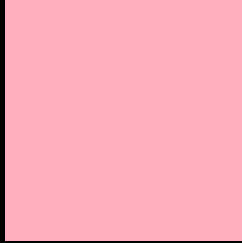
Large Text (above 18pt) WCAG AA × Fail

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 65.8642, 55.6376, 55.9829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

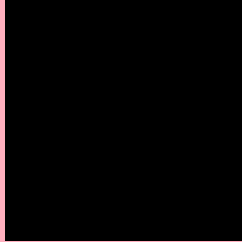
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8642, 55.6376, 55.9829

Background



This preview shows how black text looks on a background with the XYZ color 65.8642, 55.6376, 55.9829.



This preview shows how white text looks on a background with the XYZ color 65.8642, 55.6376,

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

65.8642, 55.6376, 55.9829

Protanopia

53.9538, 55.8862, 63.8206

Deuteranopia

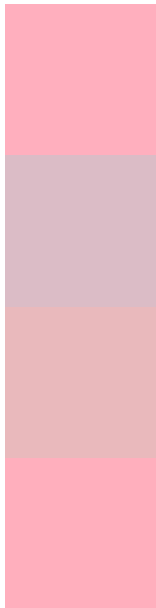
56.8983, 55.6304, 54.7526



Tritanopia

65.7553, 55.5941, 55.4092

Trichromacy



Original Color

65.8642, 55.6376, 55.9829

Protanomaly

57.3897, 55.1037, 61.0374

Deuteranomaly

60.0303, 55.6524, 55.1550

Tritanomaly

65.7553, 55.5941, 55.4092

Monochromacy



Original Color

65.8642, 55.6376, 55.9829

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 65.8642, 55.6376, 55.9829 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 190) }
```

Border

The CSS property to change the border of an element to XYZ 65.8642, 55.6376, 55.9829 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, 190) }
```


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

```
.border{ border-color:rgb(255, 175, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8642, 55.6376, 55.9829 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
175, 190) }
```

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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