

Converting Colors

XYZ(91.1585, 65.1236, 57.0108)

Have a look what the booklet for
XYZ(91.1585, 65.1236, 57.0108)
contains.

XYZ(63.5643, 50.8622, 55.7574)	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(63.5643, 50.8622,
55.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2BF
RGB	255, 162, 191
RGB Percent	100%, 64%, 75%
CMY	0.0000, 0.3647, 0.2510
CMYK	0.00, 0.36, 0.25, 0.00
HSL	341°, 100%, 82%
HSV	341°, 36%, 100%
XYZ	63.5643, 50.8622, 55.7574
YIQ	193.1130, 46.1190, 28.7350

Conversions

Conversions Part 2

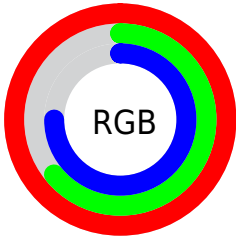
Format	Color
R _Y B	255, 162, 191
Decimal	16753343
CIE Lab	76.60, 38.13, -0.36
CIE LCh	77, 38.132, 359.457
Yxy	50.8622, 0.3735, 0.2989
Android (android.graphics.Color)	4294943423 (0xFFFFA2BF)
YUV	193.1130, -1.0417, 54.2749
Hunter-Lab	71.3177, 34.2880, 3.5685

Details

The XYZ color **63.5643, 50.8622, 55.7574** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.3898, 84.6933, 84.9090**, and the grayscale version is **50.7431, 53.3857, 58.1370**.

A 20% lighter version of the original color is **83.0999, 78.1182, 98.6942**, and **32.8210, 24.5080, 27.0454** is the 20% darker color. If you saturate the color by 10%, you get **57.7023, 42.0459, 44.8392**, and if you desaturate by 10%, it is **70.5710, 61.5971, 68.2001**.

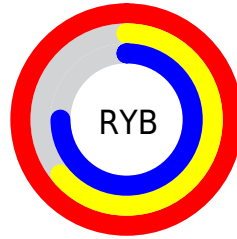
Distribution



Red (100%)

Green (64%)

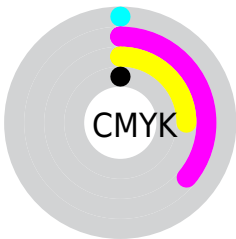
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

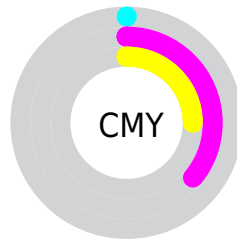


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5643, 50.8622, 55.7574 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 63.5643, 50.8622, 55.7574 by changing the saturation by 10% instead.


 63.5643, 50.8622,
55.7574


 63.5643, 50.8622,
55.7574


427.2417,
390.0282, 426.1392

 46.5582, 36.0990,
39.6058

 109.0605, 91.4510,
100.1320

 32.8930, 24.5106,
26.9198


 138.2813,
118.0454, 129.1921

 22.2034, 15.7128,
17.2811


172.3044,
149.3523, 163.3921

 14.1238, 9.3212,
10.2711

211.4951,
185.7561, 203.1505

 8.2891, 4.9513,
5.4711

256.2189,
227.6412, 248.8858

 4.3339, 2.2187,
2.4627

306.8410,

 1.8927, 0.7302,

275.3920, 301.0167

0.8203

363.7268,
329.3928, 359.9617

■ 0.5726, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5643, 50.8622,
55.7574

■ 63.5643, 50.8622,
55.7574

■ 57.7023, 42.0459,
44.8392

■ 70.5710, 61.5971,
68.2001

■ 52.9176, 35.0273,
35.3811

■ 78.7770, 74.3481,
82.2218

■ 49.1416, 29.6822,
27.3183

■ 88.2380, 89.2147,
97.8782

■ 46.2954, 25.8681,
20.5792

95.0500, 100.0000,
108.9000

■ 44.2876, 23.4176,
15.0849

■ 43.0056, 22.1227,
10.7454

■ 42.6698, 21.8319,
9.4593

Harmonies

Analogous

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



61.2853, 50.8622, 78.0935



63.5643, 50.8622, 55.7574



61.4394, 50.8622, 38.0681

Triad

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



63.5643, 50.8622, 55.7574



41.8442, 50.8622, 27.5153



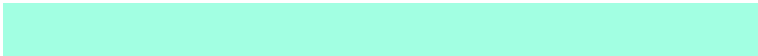
41.6378, 50.8622, 97.0694

Complementary

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



63.5643, 50.8622, 55.7574



64.3898, 84.6933, 84.9090

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.



37.2540, 50.8622, 77.2768



63.5643, 50.8622, 55.7574



37.3645, 50.8622, 37.5627

Square

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



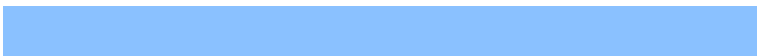
63.5643, 50.8622, 55.7574



48.4745, 50.8622, 24.4222



35.7691, 50.8622, 55.0049



48.2117, 50.8622, 105.2932

Rectangle

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



63.5643, 50.8622, 55.7574



57.9207, 50.8622, 30.3670



35.7691, 50.8622, 55.0049



39.8840, 50.8622, 91.3404

Sweetspot

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



63.5655, 50.8645, 55.7584



83.7916, 82.2093, 90.5770



62.1952, 49.1593, 100.8184



17.6611, 17.1662, 18.9339



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.



63.5655, 50.8645, 55.7584



59.0466, 44.0506, 47.3959



63.8933, 56.1312, 41.6522



18.2426, 18.0804, 19.8948



22.3547, 11.4312, 5.2521



2.2233, 1.1317, 0.7573

Inverse Universe

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



63.5655, 50.8645, 55.7584



59.0466, 44.0506, 47.3959



63.5119, 76.0227, 105.9342



18.2426, 18.0804, 19.8948



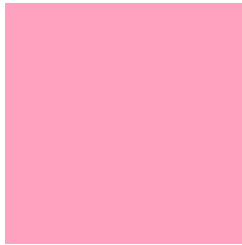
22.3547, 11.4312, 5.2521



2.2233, 1.1317, 0.7573

Previews

White Background



This preview shows how the XYZ color 63.5643, 50.8622, 55.7574 looks on a white background.

Color Contrast Check

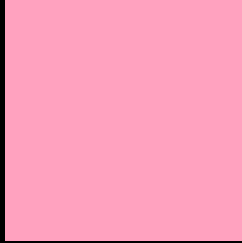
Large Text (above 18pt) WCAG AA × Fail

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 63.5643, 50.8622, 55.7574 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 63.5643, 50.8622, 55.7574

Background



This preview shows how black text looks on a background with the XYZ color 63.5643, 50.8622, 55.7574.



This preview shows how white text looks on a background with the XYZ color 63.5643, 50.8622,

55.7574.

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

63.5643, 50.8622, 55.7574

Protanopia

49.9847, 51.1628, 66.2724

Deuteranopia

51.9156, 50.8647, 54.0953



Tritanopia

62.0843, 50.7961, 48.1274

Trichromacy



Original Color

63.5643, 50.8622, 55.7574



Protanomaly

53.8141, 50.4543, 62.1607



Deuteranomaly

55.4584, 50.2983, 54.3625



Tritanomaly

62.4137, 50.6426, 50.7414

Monochromacy



Original Color

63.5643, 50.8622, 55.7574



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.5613, 51.8606, 57.0036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5643, 50.8622, 55.7574 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, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 191)  
}
```

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, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.5643, 50.8622, 55.7574 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, 162, 191) }
```


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

```
.border{ border-color:rgb(255, 162, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5643, 50.8622, 55.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 191) }
```

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

```
.background{ background-color: rgb(255,  
162, 191) }
```

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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