

Converting Colors

XYZ(120.1843, 84.8522,
43.2862)

Have a look what the booklet for
XYZ(120.1843, 84.8522, 43.2862)
contains.

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Color

**XYZ(63.5056, 55.6389,
40.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A0
RGB	255, 178, 160
RGB Percent	100%, 70%, 63%
CMY	0.0000, 0.3019, 0.3725
CMYK	0.00, 0.30, 0.37, 0.00
HSL	11°, 100%, 81%
HSV	11°, 37%, 100%
XYZ	63.5056, 55.6389, 40.6500
YIQ	198.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

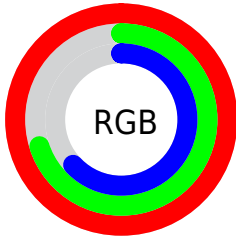
Format	Color
R _Y B	255, 182, 160
Decimal	16757408
CIE Lab	79.41, 25.87, 20.48
CIE LCh	79, 33.001, 38.370
Yxy	55.6389, 0.3974, 0.3482
Android (android.graphics.Color)	4294947488 (0xFFFFB2A0)
YUV	198.9710, -19.2127, 49.1374
Hunter-Lab	74.5915, 21.4360, 19.9029

Details

The XYZ color **63.5056, 55.6389, 40.6500** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8302, 75.2591, 105.8227**, and the grayscale version is **54.3614, 57.1924, 62.2825**.

A 20% lighter version of the original color is **82.9286, 85.0119, 76.3281**, and **32.8053, 27.4857, 17.7636** is the 20% darker color. If you saturate the color by 10%, you get **57.6927, 47.2243, 28.8125**, and if you desaturate by 10%, it is **70.3984, 65.4808, 55.1057**.

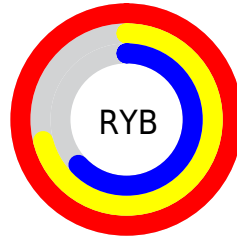
Distribution



Red (100%)

Green (70%)

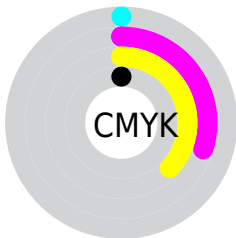
Blue (63%)



Red (100%)

Yellow (71%)

Blue (63%)

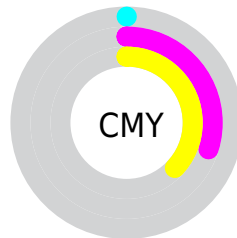


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5056, 55.6389, 40.6500 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 63.5056, 55.6389, 40.6500 by changing the saturation by 10% instead.


 63.5056, 55.6389,
40.6500


 63.5056, 55.6389,
40.6500

427.0327,
408.3292, 364.4889

 46.5105, 39.9135,
27.7281


 108.9763, 98.4764,
77.4002

 32.8552, 27.4711,
17.8835


 138.1827,
126.3573, 102.0655

 22.1743, 17.9273,
10.6978


172.1903,
159.0588, 131.4824

 14.1023, 10.8978,
5.7524

211.3643,
196.9653, 166.0694

 8.2740, 5.9982,
2.6288

256.0702,
240.4612, 206.2449

 4.3241, 2.8440,
0.9073

306.6733,

 1.8871, 1.0508,

289.9309, 252.4277

0.0000

363.5390,
345.7588, 305.0362

■ 0.5693, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5056, 55.6389,
40.6500

■ 63.5056, 55.6389,
40.6500

■ 57.6927, 47.2243,
28.8125

■ 70.3984, 65.4808,
55.1057

■ 52.8996, 40.1626,
19.4325

■ 78.4185, 76.8042,
72.3206

■ 49.0668, 34.3844,
12.3362

■ 87.6156, 89.6699,
92.4296

■ 46.1266, 29.8111,
7.3262

95.0500, 100.0000,
108.9000

■ 44.0015, 26.3548,
4.1704

■ 42.5978, 23.9141,
2.5718

■ 42.3105, 23.4010,
2.2868

Harmonies

Analogous

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



66.5050, 55.6389, 55.4271



63.5056, 55.6389, 40.6500



57.7160, 55.6389, 32.6157

Triad

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



63.5056, 55.6389, 40.6500



41.9093, 55.6389, 48.1110



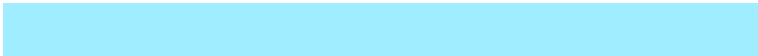
54.7581, 55.6389, 104.2871

Complementary

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



63.5056, 55.6389, 40.6500



62.8302, 75.2591, 105.8227

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.



48.3278, 55.6389, 101.1885



63.5056, 55.6389, 40.6500



41.2612, 55.6389, 66.0455

Square

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



63.5056, 55.6389, 40.6500



45.3675, 55.6389, 36.2559



43.5166, 55.6389, 86.1496



61.1860, 55.6389, 93.8990

Rectangle

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



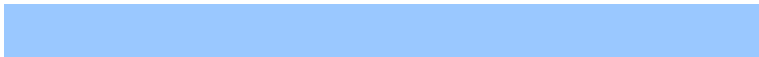
63.5056, 55.6389, 40.6500



53.2460, 55.6389, 30.9554



43.5166, 55.6389, 86.1496



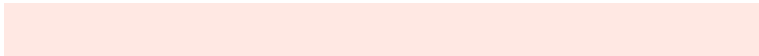
52.5219, 55.6389, 104.8247

Sweetspot

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



63.5070, 55.6416, 40.6511



84.0299, 84.6666, 84.5503



69.1826, 52.5507, 87.0655



17.7170, 17.7462, 17.5089



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.



63.5070, 55.6416, 40.6511



58.9122, 49.0011, 31.2608



74.4881, 77.6037, 44.3115



18.2879, 18.5440, 18.7598



22.1872, 12.3856, 1.2213



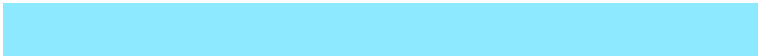
2.2306, 1.3466, 0.1423

Inverse Universe

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



62.8302, 75.2591, 105.8227



58.1175, 71.2374, 105.2948



50.9792, 51.5572, 101.8724



18.2450, 19.8617, 23.1220



21.1532, 27.2160, 53.5729



2.1315, 2.7937, 5.2402

Previews

White Background



This preview shows how the XYZ color 63.5056, 55.6389, 40.6500 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 63.5056, 55.6389, 40.6500 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 63.5056, 55.6389, 40.6500

Background



This preview shows how black text looks on a background with the XYZ color 63.5056, 55.6389, 40.6500.



This preview shows how white text looks on a background with the XYZ color 63.5056, 55.6389,

40.6500.

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

63.5056, 55.6389, 40.6500

Protanopia

52.8598, 56.0625, 45.5712

Deuteranopia

57.0023, 55.6868, 40.0920



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

63.5056, 55.6389, 40.6500

Protanomaly

56.0369, 55.4274, 43.8215

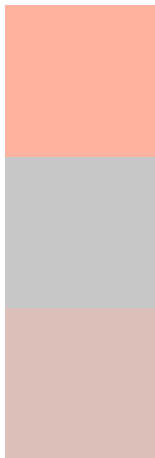
Deuteranomaly

59.2036, 55.5518, 40.4031

Tritanomaly

64.8012, 55.5250, 49.4215

Monochromacy



Original Color

63.5056, 55.6389, 40.6500

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6012, 55.8245, 53.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5056, 55.6389, 40.6500 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, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 160)  
}
```

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, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 160) }
```

Border

The CSS property to change the border of an element to XYZ 63.5056, 55.6389, 40.6500 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, 178, 160) }
```


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

```
.border{ border-color:rgb(255, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5056, 55.6389, 40.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 160) }
```

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

```
.background{ background-color: rgb(255,  
178, 160) }
```

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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