

Converting Colors

XYZ(115.1068, 82.3488,
42.5077)

Have a look what the booklet for
XYZ(115.1068, 82.3488, 42.5077)
contains.

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Color

**XYZ(63.4184, 55.6040,
40.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB29F
RGB	255, 178, 159
RGB Percent	100%, 70%, 62%
CMY	0.0000, 0.3019, 0.3765
CMYK	0.00, 0.30, 0.38, 0.00
HSL	12°, 100%, 81%
HSV	12°, 38%, 100%
XYZ	63.4184, 55.6040, 40.1910
YIQ	198.8570, 51.9910, 10.4150

Conversions

Conversions Part 2

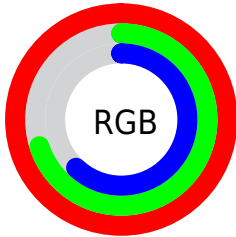
Format	Color
R _Y B	255, 183, 159
Decimal	16757407
CIE Lab	79.39, 25.76, 20.99
CIE LCh	79, 33.231, 39.182
Yxy	55.6040, 0.3983, 0.3492
Android (android.graphics.Color)	4294947487 (0xFFFFB29F)
YUV	198.8570, -19.6495, 49.2374
Hunter-Lab	74.5681, 21.3159, 20.2413

Details

The XYZ color **63.4184, 55.6040, 40.1910** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3423, 74.5789, 105.7171**, and the grayscale version is **54.2940, 57.1215, 62.2054**.

A 20% lighter version of the original color is **82.8004, 84.9607, 75.6533**, and **32.8053, 27.4857, 17.7636** is the 20% darker color. If you saturate the color by 10%, you get **57.6594, 47.2695, 28.4573**, and if you desaturate by 10%, it is **70.2434, 65.3398, 54.5331**.

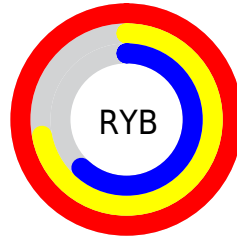
Distribution



Red (100%)

Green (70%)

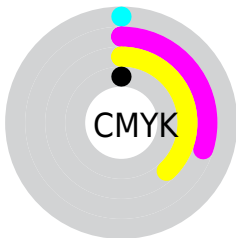
Blue (62%)



Red (100%)

Yellow (72%)

Blue (62%)

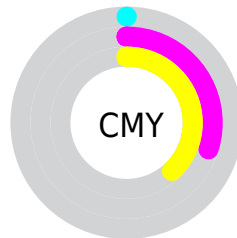


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4184, 55.6040, 40.1910 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 63.4184, 55.6040, 40.1910 by changing the saturation by 10% instead.


 63.4184, 55.6040,
40.1910


 63.4184, 55.6040,
40.1910


426.7219,
408.1974, 362.5040

 46.4397, 39.8855,
27.3726


 108.8513, 98.4253,
76.6945

 32.7990, 27.4493,
17.6183


 138.0363,
126.2970, 101.2167

 22.1310, 17.9109,
10.5097


172.0207,
158.9885, 130.4773

 14.0703, 10.8861,
5.6282

211.1699,
196.8842, 164.8947

 8.2516, 5.9903,
2.5552

255.8493,
240.3686, 204.8875

 4.3095, 2.8392,
0.8692

306.4242,

 1.8787, 1.0484,

289.8260, 250.8743

0.0000

363.2599,
345.6408, 303.2736

■ 0.5644, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4184, 55.6040,
40.1910

■ 63.4184, 55.6040,
40.1910

■ 57.6594, 47.2695,
28.4573

■ 70.2434, 65.3398,
54.5331

■ 52.9072, 40.2635,
19.1709

■ 78.1810, 76.5293,
71.6247

■ 49.1029, 34.5184,
12.1578

■ 87.2804, 89.2321,
91.6009

■ 46.1797, 29.9577,
7.2196

95.0500, 100.0000,
108.9000

■ 44.0611, 26.4959,
4.1232

■ 42.6532, 24.0338,
2.5633

■ 42.4014, 23.5828,
2.3171

Harmonies

Analogous

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



66.5365, 55.6040, 54.8741



63.4184, 55.6040, 40.1910



57.5364, 55.6040, 32.3105

Triad

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



63.4184, 55.6040, 40.1910



41.7541, 55.6040, 48.4141



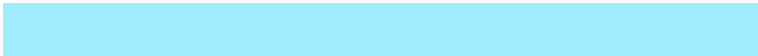
54.9211, 55.6040, 104.4802

Complementary

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



63.4184, 55.6040, 40.1910



62.3423, 74.5789, 105.7171

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.



48.4251, 55.6040, 101.7338



63.4184, 55.6040, 40.1910



41.1821, 55.6040, 66.5901

Square

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



63.4184, 55.6040, 40.1910



45.1603, 55.6040, 36.3185



43.5261, 55.6040, 86.8153



61.3663, 55.6040, 93.6794

Rectangle

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



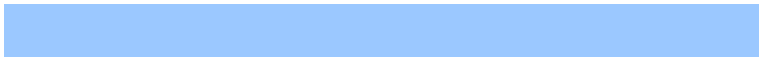
63.4184, 55.6040, 40.1910



53.0332, 55.6040, 30.7619



43.5261, 55.6040, 86.8153



52.6671, 55.6040, 105.1527

Sweetspot

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



63.4198, 55.6067, 40.1921



84.0967, 84.8002, 84.5726



68.9830, 52.1946, 86.8664



17.7328, 17.7778, 17.5141



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.



63.4198, 55.6067, 40.1921



59.0835, 49.3437, 31.3179



74.3154, 77.3979, 43.8240



18.3005, 18.5691, 18.7640



22.2375, 12.4863, 1.2380



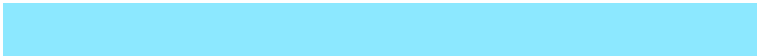
2.2373, 1.3599, 0.1446

Inverse Universe

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



62.3423, 74.5789, 105.7171



57.8436, 70.6896, 105.2035



50.6323, 51.1590, 101.8138



18.2314, 19.8344, 23.1175



20.8863, 26.6821, 53.4839



2.1078, 2.7463, 5.2323

Previews

White Background



This preview shows how the XYZ color 63.4184, 55.6040, 40.1910 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 63.4184, 55.6040, 40.1910 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 63.4184, 55.6040, 40.1910

Background



This preview shows how black text looks on a background with the XYZ color 63.4184, 55.6040, 40.1910.

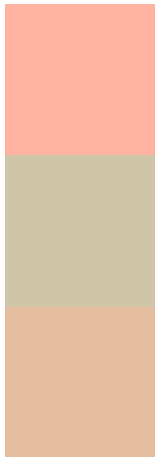


This preview shows how white text looks on a background with the XYZ color 63.4184, 55.6040,

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

63.4184, 55.6040, 40.1910

Protanopia

52.7663, 56.0251, 45.0786

Deuteranopia

56.9165, 55.6525, 39.6405



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

63.4184, 55.6040, 40.1910

Protanomaly

55.9455, 55.3908, 43.3402

Deuteranomaly

59.1171, 55.5173, 39.9478

Tritanomaly

64.7011, 55.4850, 48.8945

Monochromacy



Original Color

63.4184, 55.6040, 40.1910

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.4959, 55.7824, 53.1368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4184, 55.6040, 40.1910 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 159) }
```

Border

The CSS property to change the border of an element to XYZ 63.4184, 55.6040, 40.1910 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, 159) }
```


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

```
.border{ border-color:rgb(255, 178, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4184, 55.6040, 40.1910 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
178, 159) }
```

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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