

Converting Colors

XYZ(63.1108, 54.8488, 40.5202)

Have a look what the booklet for
XYZ(63.1108, 54.8488, 40.5202)
contains.

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Color

**XYZ(63.1105, 54.8487,
40.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A0
RGB	255, 176, 160
RGB Percent	100%, 69%, 63%
CMY	0.0000, 0.3098, 0.3725
CMYK	0.00, 0.31, 0.37, 0.00
HSL	10°, 100%, 81%
HSV	10°, 37%, 100%
XYZ	63.1105, 54.8487, 40.5183
YIQ	197.7970, 52.2200, 11.7720

Conversions

Conversions Part 2

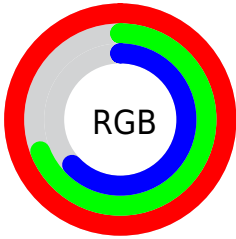
Format	Color
R _Y B	255, 179, 160
Decimal	16756896
CIE Lab	78.95, 26.92, 19.86
CIE LCh	79, 33.453, 36.414
Yxy	54.8487, 0.3982, 0.3461
Android (android.graphics.Color)	4294946976 (0xFFFFB0A0)
YUV	197.7970, -18.6339, 50.1670
Hunter-Lab	74.0599, 22.5048, 19.4043

Details

The XYZ color **63.1105, 54.8487, 40.5183** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4125, 76.4238, 106.0168**, and the grayscale version is **53.6418, 56.4354, 61.4581**.

A 20% lighter version of the original color is **82.3624, 83.8795, 76.1394**, and **32.5547, 26.9844, 17.6800** is the 20% darker color. If you saturate the color by 10%, you get **57.2667, 46.3723, 28.6705**, and if you desaturate by 10%, it is **70.0641, 64.8121, 54.9942**.

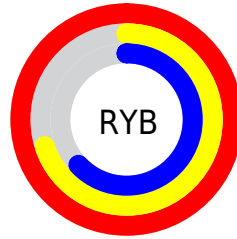
Distribution



Red (100%)

Green (69%)

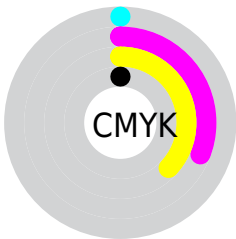
Blue (63%)



Red (100%)

Yellow (70%)

Blue (63%)

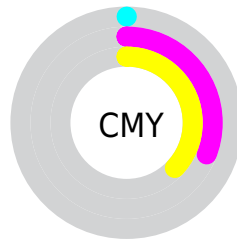


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1105, 54.8487, 40.5183 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 63.1105, 54.8487, 40.5183 by changing the saturation by 10% instead.

 63.1105, 54.8487,
40.5183


 63.1105, 54.8487,
40.5183


425.6237,
405.3381, 363.9202

 46.1896, 39.2806,
27.6260


 108.4098, 97.3192,
77.1978

 32.6007, 26.9781,
17.8074


 137.5190,
124.9905, 101.8222

 21.9785, 17.5568,
10.6438


171.4215,
157.4649, 131.1942

 13.9576, 10.6322,
5.7167

210.4829,
195.1268, 165.7327

 8.1727, 5.8201,
2.6076

255.0685,
238.3607, 205.8559

 4.2584, 2.7360,
0.8964

305.5436,

 1.8493, 0.9955,

287.5510, 251.9825

0.0000

362.2735,
343.0820, 304.5311

■ 0.5471, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1105, 54.8487,
40.5183

■ 63.1105, 54.8487,
40.5183

■ 57.2667, 46.3723,
28.6705

■ 70.0641, 64.8121,
54.9942

■ 52.4701, 39.3037,
19.2893

■ 78.1770, 76.3211,
72.2400

■ 48.6586, 33.5680,
12.2002

■ 87.5011, 89.4408,
92.3914

■ 45.7612, 29.0804,
7.2044

95.0500, 100.0000,
108.9000

■ 43.6969, 25.7458,
4.0688

■ 42.3676, 23.4539,
2.4951

■ 42.1025, 22.9850,
2.2175

Harmonies

Analogous

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



65.8946, 54.8487, 55.7236



63.1105, 54.8487, 40.5183



57.4158, 54.8487, 32.0606

Triad

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



63.1105, 54.8487, 40.5183



41.2726, 54.8487, 46.2378



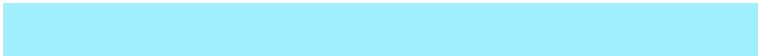
53.5732, 54.8487, 103.9883

Complementary

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



63.1105, 54.8487, 40.5183



63.4125, 76.4238, 106.0168

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.



47.1828, 54.8487, 99.9472



63.1105, 54.8487, 40.5183



40.4330, 54.8487, 63.9049

Square

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



63.1105, 54.8487, 40.5183



44.9060, 54.8487, 34.8387



42.5068, 54.8487, 84.1956



60.0944, 54.8487, 94.2922

Rectangle

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



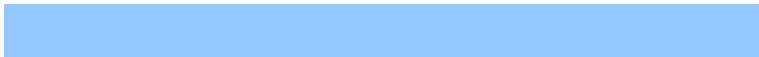
63.1105, 54.8487, 40.5183



52.9356, 54.8487, 30.1280



42.5068, 54.8487, 84.1956



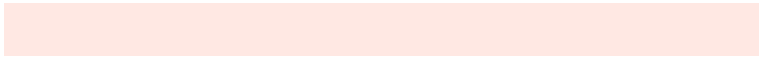
51.3367, 54.8487, 104.2165

Sweetspot

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



63.1119, 54.8513, 40.5194



83.8637, 84.3341, 84.4949



69.4157, 52.6440, 88.2934



17.6777, 17.6676, 17.4957



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.



63.1119, 54.8513, 40.5194



58.4907, 48.1580, 31.1203



74.0622, 76.7520, 44.1695



18.2566, 18.4814, 18.7494



22.0713, 12.1538, 1.1826



2.2148, 1.3151, 0.1371

Inverse Universe

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



63.4125, 76.4238, 106.0168



58.8071, 72.6167, 105.5247



51.3242, 52.2472, 101.9874



18.2791, 19.9298, 23.1334



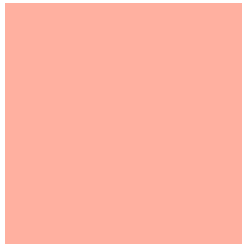
21.8346, 28.5788, 53.8000



2.1919, 2.9144, 5.2603

Previews

White Background



This preview shows how the XYZ color 63.1105, 54.8487, 40.5183 looks on a white background.

Color Contrast Check

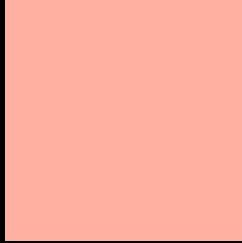
Large Text (above 18pt) WCAG AA × Fail

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 63.1105, 54.8487, 40.5183 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 63.1105, 54.8487, 40.5183

Background



This preview shows how black text looks on a background with the XYZ color 63.1105, 54.8487, 40.5183.



This preview shows how white text looks on a background with the XYZ color 63.1105, 54.8487,

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

63.1105, 54.8487, 40.5183

Protanopia

51.8534, 54.8739, 45.3949

Deuteranopia

56.1497, 54.9290, 39.9907



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

63.1105, 54.8487, 40.5183

Protanomaly

55.2976, 54.4076, 43.6636

Deuteranomaly

58.6584, 54.9613, 40.3179

Tritanomaly

64.3119, 54.7064, 48.7648

Monochromacy



Original Color

63.1105, 54.8487, 40.5183

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.2786, 55.3477, 53.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1105, 54.8487, 40.5183 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, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 160) }
```

Border

The CSS property to change the border of an element to XYZ 63.1105, 54.8487, 40.5183 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, 176, 160) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1105, 54.8487, 40.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 160) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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