

Converting Colors

XYZ(101.5167, 76.9895,
36.0646)

Have a look what the booklet for
XYZ(101.5167, 76.9895, 36.0646)
contains.

XYZ(63.2075, 57.1406, 34.0834)	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(63.2075, 57.1406,
34.0834)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB790
RGB	255, 183, 144
RGB Percent	100%, 72%, 56%
CMY	0.0000, 0.2823, 0.4353
CMYK	0.00, 0.28, 0.44, 0.00
HSL	21°, 100%, 78%
HSV	21°, 44%, 100%
XYZ	63.2075, 57.1406, 34.0834
YIQ	200.0820, 55.4310, 3.1350

Conversions

Conversions Part 2

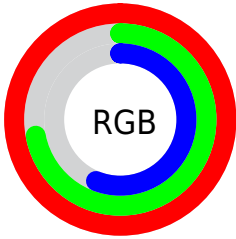
Format	Color
R _Y B	255, 204, 144
Decimal	16758672
CIE Lab	80.26, 21.52, 30.17
CIE LCh	80, 37.056, 54.495
Yxy	57.1406, 0.4093, 0.3700
Android (android.graphics.Color)	4294948752 (0xFFFFB790)
YUV	200.0820, -27.6484, 48.1631
Hunter-Lab	75.5914, 16.9720, 26.1807

Details

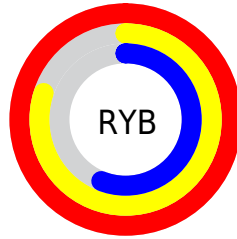
The XYZ color **63.2075, 57.1406, 34.0834** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1063, 62.2584, 103.7728**, and the grayscale version is **55.0926, 57.9617, 63.1203**.

A 20% lighter version of the original color is **82.2995, 87.0702, 65.8947**, and **32.7234, 28.4913, 14.1306** is the 20% darker color. If you saturate the color by 10%, you get **58.2612, 50.0227, 23.8809**, and if you desaturate by 10%, it is **68.9978, 65.2419, 46.7399**.

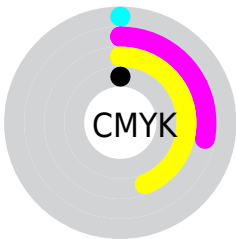
Distribution



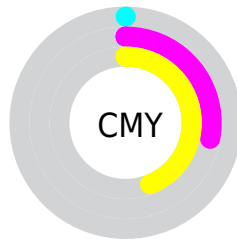
- Red (100%)
- Green (72%)
- Blue (56%)



- Red (100%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2075, 57.1406, 34.0834 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 63.2075, 57.1406, 34.0834 by changing the saturation by 10% instead.


 63.2075, 57.1406,
34.0834

 63.2075, 57.1406,
34.0834


425.9699,
413.9759, 335.2843

 46.2684, 41.1181,
22.6798


 108.5489,
100.6703, 67.1987

 32.6632, 28.4114,
14.1542


 137.6820,
128.9463, 89.7475

 22.0265, 18.6360,
8.0880

171.6104,
162.0757, 116.8485

 13.9931, 11.4076,
4.0627

210.6994,
200.4428, 148.9201

 8.1975, 6.3417,
1.6598

255.3146,
244.4319, 186.3809

 4.2745, 3.0539,
0.3330

305.8211,

 1.8586, 1.1600,

294.4276, 229.6496

0.0000

362.5844,
350.8141, 279.1445

■ 0.5526, 0.0286,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2075, 57.1406,
34.0834

■ 63.2075, 57.1406,
34.0834

■ 58.2612, 50.0227,
23.8809

■ 68.9978, 65.2419,
46.7399

■ 54.1107, 43.8401,
15.9664

■ 75.6681, 74.3555,
61.9946

■ 50.7090, 38.5531,
10.1583

■ 83.2574, 84.5192,
79.9847

■ 48.0017, 34.1148,
6.2455

■ 91.8009, 95.7663,
100.8363

■ 45.9242, 30.4730, 95.0499, 99.9999,
3.9715 108.9000

■ 44.8631, 28.5063,
3.1377

Harmonies

Analogous

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



68.6576, 57.1406, 46.4877



63.2075, 57.1406, 34.0834



55.7184, 57.1406, 29.2704

Triad

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



63.2075, 57.1406, 34.0834



41.0755, 57.1406, 58.3036



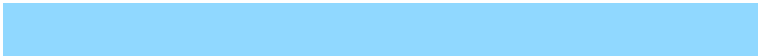
60.5699, 57.1406, 108.3674

Complementary

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



63.2075, 57.1406, 34.0834



54.1063, 62.2584, 103.7728

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.



52.9264, 57.1406, 113.6011



63.2075, 57.1406, 34.0834



42.1156, 57.1406, 81.1443

Square

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



63.2075, 57.1406, 34.0834



43.3049, 57.1406, 41.0158



46.2901, 57.1406, 102.6823



67.0385, 57.1406, 89.6940

Rectangle

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



63.2075, 57.1406, 34.0834



50.7490, 57.1406, 29.9619



46.2901, 57.1406, 102.6823



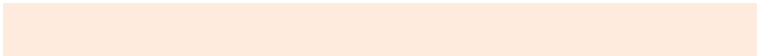
58.0347, 57.1406, 111.9149

Sweetspot

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



63.2089, 57.1434, 34.0845



83.6851, 85.0867, 81.0146



63.6275, 46.1726, 70.6264



17.5338, 17.7095, 16.4317



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.



63.2089, 57.1434, 34.0845



58.9649, 51.0496, 25.2883



76.9506, 84.6267, 38.6651



18.5315, 19.0311, 18.8410



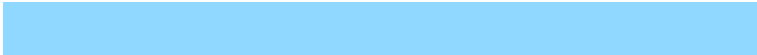
23.5682, 15.1476, 1.6816



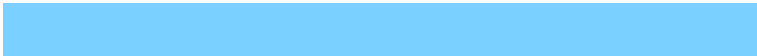
2.3928, 1.6709, 0.1964

Inverse Universe

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



54.1063, 62.2584, 103.7728



48.7873, 56.6958, 102.9798



42.2359, 38.5175, 99.8160



17.9862, 19.3441, 23.0358



16.6447, 18.1990, 52.0701



1.7233, 1.9774, 5.1041

Previews

White Background



This preview shows how the XYZ color 63.2075, 57.1406, 34.0834 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 63.2075, 57.1406, 34.0834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

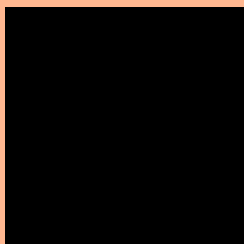
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2075, 57.1406, 34.0834

Background



This preview shows how black text looks on a background with the XYZ color 63.2075, 57.1406, 34.0834.



This preview shows how white text looks on a background with the XYZ color 63.2075, 57.1406,

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

63.2075, 57.1406, 34.0834

Protanopia

53.4499, 57.2273, 37.5070

Deuteranopia

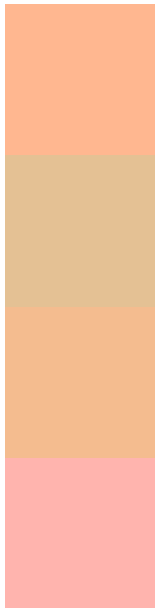
58.4383, 57.2191, 33.5555



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

63.2075, 57.1406, 34.0834

Protanomaly

56.4102, 56.7720, 36.0019

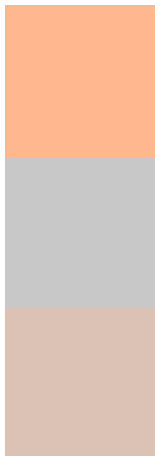
Deuteranomaly

60.2494, 57.1827, 33.8485

Tritanomaly

65.2012, 56.9585, 47.6020

Monochromacy



Original Color

63.2075, 57.1406, 34.0834

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.0452, 57.0945, 51.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2075, 57.1406, 34.0834 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, 183, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 144)  
}
```

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, 183, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 144) }
```

Border

The CSS property to change the border of an element to XYZ 63.2075, 57.1406, 34.0834 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, 183, 144) }
```


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

```
.border{ border-color:rgb(255, 183, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2075, 57.1406, 34.0834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 144) }
```

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

```
.background{ background-color: rgb(255,  
183, 144) }
```

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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