

Converting Colors

XYZ(64.5611, 56.9825, 43.3676)

Have a look what the booklet for
XYZ(64.5611, 56.9825, 43.3676)
contains.

XYZ(64.5554, 57.0244, 43.2017)	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(64.5554, 57.0244,
43.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5A5
RGB	255, 181, 165
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2902, 0.3529
CMYK	0.00, 0.29, 0.35, 0.00
HSL	11°, 100%, 82%
HSV	11°, 35%, 100%
XYZ	64.5554, 57.0244, 43.2017
YIQ	201.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

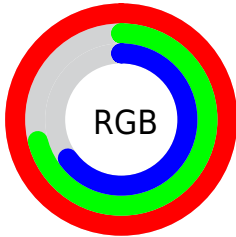
Format	Color
R _Y B	255, 184, 165
Decimal	16758181
CIE Lab	80.19, 24.88, 18.89
CIE LCh	80, 31.239, 37.199
Yxy	57.0244, 0.3918, 0.3461
Android (android.graphics.Color)	4294948261 (0xFFFFB5A5)
YUV	201.3020, -17.8969, 47.0931
Hunter-Lab	75.5145, 20.4447, 18.9405

Details

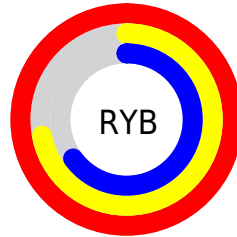
The XYZ color **64.5554, 57.0244, 43.2017** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4323, 76.9494, 106.0645**, and the grayscale version is **55.7922, 58.6978, 63.9219**.

A 20% lighter version of the original color is **84.4425, 86.9957, 80.0514**, and **33.4648, 28.3664, 19.3343** is the 20% darker color. If you saturate the color by 10%, you get **58.5149, 48.2948, 30.8564**, and if you desaturate by 10%, it is **71.7031, 67.2275, 58.2001**.

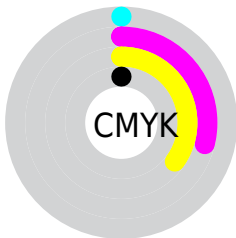
Distribution



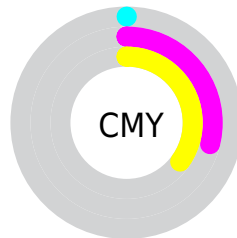
- Red (100%)
- Green (71%)
- Blue (65%)



- Red (100%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5554, 57.0244, 43.2017 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 64.5554, 57.0244, 43.2017 by changing the saturation by 10% instead.


 64.5554, 57.0244,
43.2017

 64.5554, 57.0244,
43.2017


430.7631,
413.5407, 375.3862

 47.3640, 41.0248,
29.7108


 110.4797,
100.5008, 81.3048

 33.5327, 28.3385,
19.3690


 139.9433,
128.7464, 106.7540

 22.6960, 18.5810,
11.7577

174.2284,
161.8428, 137.0265

 14.4887, 11.3679,
6.4584

213.7003,
200.1744, 172.5408

 8.5453, 6.3149,
3.0525

258.7243,
244.1256, 213.7153

 4.5005, 3.0375,
1.1215

309.6659,

 1.9890, 1.1513,

294.0808, 260.9687

0.0000

366.8904,
350.4244, 314.7195

■ 0.6278, 0.0214,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5554, 57.0244,
43.2017

■ 64.5554, 57.0244,
43.2017

■ 58.5149, 48.2948,
30.8564

■ 71.7031, 67.2275,
58.2001

■ 53.5210, 40.9623,
21.0057

■ 80.0057, 78.9596,
75.9907

■ 49.5138, 34.9560,
13.4793

■ 89.5134, 92.2833,
96.7069

■ 46.4255, 30.1953,
8.0842

95.0500, 100.0000,
108.9000

■ 44.1788, 26.5906,
4.5959

■ 42.6828, 24.0395,
2.7383

■ 42.1917, 23.1635,
2.2473

Harmonies

Analogous

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



67.2852, 57.0244, 57.7959



64.5554, 57.0244, 43.2017



59.0874, 57.0244, 35.0374

Triad

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



64.5554, 57.0244, 43.2017



43.6728, 57.0244, 49.4619



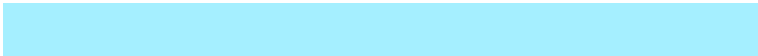
55.7498, 57.0244, 103.8081

Complementary

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



64.5554, 57.0244, 43.2017



64.4323, 76.9494, 106.0645

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.



49.5898, 57.0244, 100.3744



64.5554, 57.0244, 43.2017



42.9318, 57.0244, 66.5915

Square

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



64.5554, 57.0244, 43.2017



47.1256, 57.0244, 38.1266



45.0158, 57.0244, 85.8092



61.9491, 57.0244, 94.4389

Rectangle

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



64.5554, 57.0244, 43.2017



54.8007, 57.0244, 33.2261



45.0158, 57.0244, 85.8092



53.6036, 57.0244, 104.1391

Sweetspot

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



64.5569, 57.0271, 43.2028



83.9375, 84.4818, 84.5195



70.4236, 54.4621, 89.2387



17.6951, 17.7025, 17.5016



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.



64.5569, 57.0271, 43.2028



60.3863, 51.0128, 34.6392



74.9570, 77.8273, 46.6695



18.2705, 18.5092, 18.7540



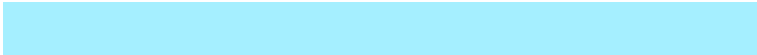
22.1212, 12.2535, 1.1993



2.2217, 1.3288, 0.1394

Inverse Universe

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



64.4323, 76.9494, 106.0645



60.2267, 73.4707, 105.6147



53.0827, 54.2501, 102.2813



18.2639, 19.8995, 23.1283



21.5288, 27.9673, 53.6981



2.1648, 2.8603, 5.2513

Previews

White Background



This preview shows how the XYZ color 64.5554, 57.0244, 43.2017 looks on a white background.

Color Contrast Check

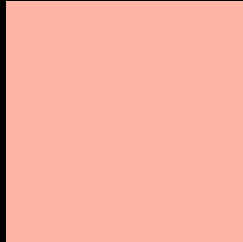
Large Text (above 18pt) WCAG AA × Fail

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 64.5554, 57.0244, 43.2017 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 64.5554, 57.0244, 43.2017

Background



This preview shows how black text looks on a background with the XYZ color 64.5554, 57.0244, 43.2017.



This preview shows how white text looks on a background with the XYZ color 64.5554, 57.0244,

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

64.5554, 57.0244, 43.2017

Protanopia

54.3579, 57.4581, 48.2700

Deuteranopia

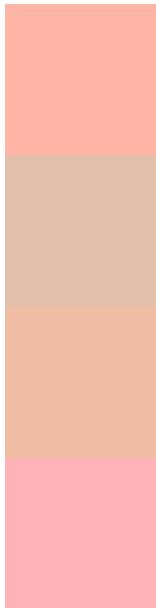
58.4155, 57.3325, 42.6378



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

64.5554, 57.0244, 43.2017

Protanomaly

57.5644, 56.8083, 46.4592

Deuteranomaly

60.6192, 57.1720, 42.9623

Tritanomaly

65.8036, 56.8776, 51.7662

Monochromacy



Original Color

64.5554, 57.0244, 43.2017

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.1877, 57.5866, 55.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5554, 57.0244, 43.2017 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, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 165)  
}
```

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, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 165) }
```

Border

The CSS property to change the border of an element to XYZ 64.5554, 57.0244, 43.2017 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, 181, 165) }
```


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

```
.border{ border-color:rgb(255, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5554, 57.0244, 43.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 165) }
```

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

```
.background{ background-color: rgb(255,  
181, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor