

Converting Colors

XYZ(64.0564, 58.4711, 37.6937)

Have a look what the booklet for
XYZ(64.0564, 58.4711, 37.6937)
contains.

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Color

**XYZ(64.0995, 58.4556,
37.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBA98
RGB	254, 186, 152
RGB Percent	100%, 73%, 60%
CMY	0.0039, 0.2706, 0.4039
CMYK	0.00, 0.27, 0.40, 0.00
HSL	20°, 98%, 80%
HSV	20°, 40%, 100%
XYZ	64.0995, 58.4556, 37.6104
YIQ	202.4560, 51.4420, 3.8420

Conversions

Conversions Part 2

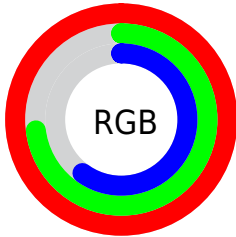
Format	Color
RYB	254, 203, 152
Decimal	16693912
CIELab	80.99, 20.41, 26.90
CIElCh	81, 33.762, 52.815
Yxy	58.4556, 0.4002, 0.3650
Android (android.graphics.Color)	4294883992 (0xFFFEBA98)
YUV	202.4560, -24.8748, 45.2041
Hunter-Lab	76.4563, 15.8526, 24.3534

Details

The XYZ color **64.0995, 58.4556, 37.6104** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4306, 65.0153, 103.3411**, and the grayscale version is **56.5533, 59.4985, 64.7939**.

A 20% lighter version of the original color is **84.1327, 89.2205, 71.1795**, and **33.2422, 29.3167, 16.2186** is the 20% darker color. If you saturate the color by 10%, you get **58.8798, 50.9964, 26.6828**, and if you desaturate by 10%, it is **70.1904, 66.9440, 51.0272**.

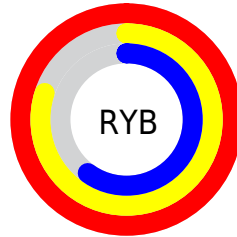
Distribution



Red (100%)

Green (73%)

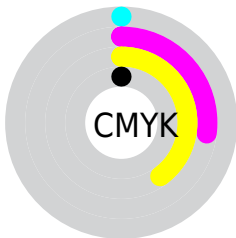
Blue (60%)



Red (100%)

Yellow (80%)

Blue (60%)

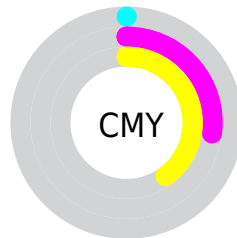


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0995, 58.4556, 37.6104 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 64.0995, 58.4556, 37.6104 by changing the saturation by 10% instead.


 64.0995, 58.4556,
37.6104


 64.0995, 58.4556,
37.6104


429.1454,
418.8815, 351.1937

 46.9933, 42.1750,
25.3810


 109.8272,
102.5860, 72.7074

 33.2382, 29.2384,
16.1395


 139.1793,
131.2047, 96.4120

 22.4691, 19.2612,
9.4675


173.3441,
164.7048, 124.7788

 14.3205, 11.8592,
4.9464

212.6869,
203.4708, 158.2262

 8.4271, 6.6479,
2.1577

257.5730,
247.8871, 197.1729

 4.4235, 3.2429,
0.6498

308.3679,

 1.9444, 1.2598,

298.3380, 242.0373

0.0000

365.4369,
355.2080, 293.2381

0.6025, 0.1098,
0.0000

0.0000, 0.0000,
0.0000

64.0995, 58.4556,
37.6104

64.0995, 58.4556,
37.6104

58.8798, 50.9964,
26.6828

70.1904, 66.9440,
51.0272

54.4833, 44.5171,
18.0848

77.1882, 76.4916,
67.0721

50.8641, 38.9766,
11.6438

85.1317, 87.1376,
85.8779

47.9688, 34.3271,
7.1608

94.0564, 98.9163,
107.5673

■ 45.7360, 30.5158,
4.3994

94.6831, 99.8109,
108.8828

■ 44.0965, 27.5176,
2.9873

Harmonies

Analogous

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



68.9146, 58.4556, 49.8396



64.0995, 58.4556, 37.6104



57.2610, 58.4556, 32.5499

Triad

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



64.0995, 58.4556, 37.6104



43.2466, 58.4556, 58.9472



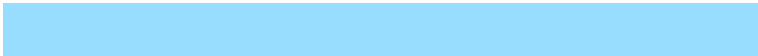
60.9450, 58.4556, 106.2063

Complementary

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



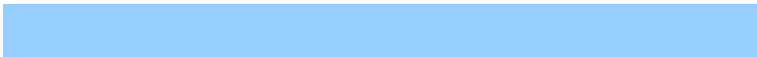
64.0995, 58.4556, 37.6104



56.4306, 65.0153, 103.3411

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.



53.8936, 58.4556, 110.0696



64.0995, 58.4556, 37.6104



44.0533, 58.4556, 79.7974

Square

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



64.0995, 58.4556, 37.6104



45.5114, 58.4556, 43.0758



47.8153, 58.4556, 99.5663



66.9892, 58.4556, 89.9069

Rectangle

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



64.0995, 58.4556, 37.6104



52.6278, 58.4556, 32.9722



47.8153, 58.4556, 99.5663



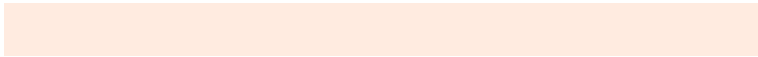
58.5998, 58.4556, 109.1250

Sweetspot

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



64.1010, 58.4584, 37.6116



84.3433, 85.8523, 82.9316



65.0200, 48.6952, 73.6828



17.8220, 18.0677, 17.2002



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.



64.1010, 58.4584, 37.6116



60.4677, 52.9856, 29.0859



76.8250, 83.9065, 41.8529



18.5041, 18.9764, 18.8319



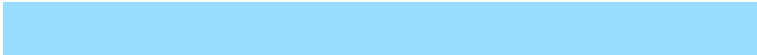
23.3687, 14.7486, 1.6151



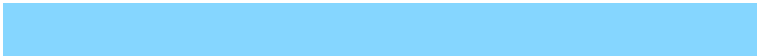
2.3710, 1.6273, 0.1891

Inverse Universe

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



56.4306, 65.0153, 103.3411



51.7554, 60.3653, 103.5316



45.0268, 42.2078, 99.5398



18.0148, 19.4012, 23.0453



17.0843, 19.0783, 52.2166



1.7640, 2.0587, 5.1177

Previews

White Background



This preview shows how the XYZ color 64.0995, 58.4556, 37.6104 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 64.0995, 58.4556, 37.6104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

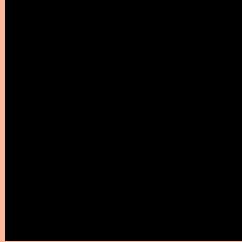
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0995, 58.4556, 37.6104

Background



This preview shows how black text looks on a background with the XYZ color 64.0995, 58.4556, 37.6104.



This preview shows how white text looks on a background with the XYZ color 64.0995, 58.4556,

37.6104.

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

64.0995, 58.4556, 37.6104

Protanopia

54.8762, 58.5726, 41.2143

Deuteranopia

59.9158, 58.5514, 37.4218



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

64.0995, 58.4556, 37.6104

Protanomaly

58.0538, 58.5382, 39.6917

Deuteranomaly

61.3076, 58.2944, 37.2988

Tritanomaly

66.3102, 58.3816, 50.4217

Monochromacy



Original Color

64.0995, 58.4556, 37.6104

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.2105, 58.3127, 53.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0995, 58.4556, 37.6104 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(254, 186, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 152)  
}
```

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(254, 186, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 152) }
```

Border

The CSS property to change the border of an element to XYZ 64.0995, 58.4556, 37.6104 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(254, 186, 152) }
```


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

```
.border{ border-color:rgb(254, 186, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0995, 58.4556, 37.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 152) }
```

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

```
.background{ background-color: rgb(254,  
186, 152) }
```

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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