

Converting Colors

XYZ(64.4487, 58.5757, 37.7253)

Have a look what the booklet for
XYZ(64.4487, 58.5757, 37.7253)
contains.

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Color

**XYZ(64.4664, 58.6448,
37.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA98
RGB	255, 186, 152
RGB Percent	100%, 73%, 60%
CMY	0.0000, 0.2706, 0.4039
CMYK	0.00, 0.27, 0.40, 0.00
HSL	20°, 100%, 80%
HSV	20°, 40%, 100%
XYZ	64.4664, 58.6448, 37.6276
YIQ	202.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

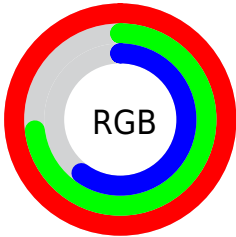
Format	Color
R _Y B	255, 203, 152
Decimal	16759448
CIE Lab	81.10, 20.79, 27.06
CIE LCh	81, 34.122, 52.462
Yxy	58.6448, 0.4011, 0.3648
Android (android.graphics.Color)	4294949528 (0xFFFFBA98)
YUV	202.7550, -25.0222, 45.8189
Hunter-Lab	76.5799, 16.2499, 24.4737

Details

The XYZ color **64.4664, 58.6448, 37.6276** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8543, 65.6058, 104.2743**, and the grayscale version is **56.7415, 59.6964, 65.0094**.

A 20% lighter version of the original color is **84.1327, 89.2205, 71.1795**, and **33.5014, 29.4504, 16.2307** is the 20% darker color. If you saturate the color by 10%, you get **59.2124, 51.1275, 26.6566**, and if you desaturate by 10%, it is **70.6025, 67.2077, 51.1088**.

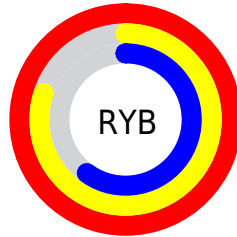
Distribution



Red (100%)

Green (73%)

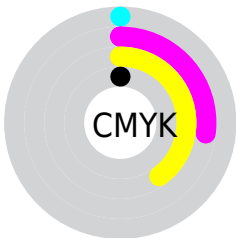
Blue (60%)



Red (100%)

Yellow (80%)

Blue (60%)

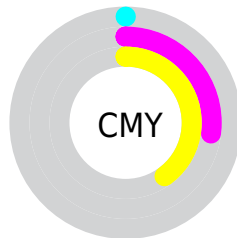


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4664, 58.6448, 37.6276 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 64.4664, 58.6448, 37.6276 by changing the saturation by 10% instead.


 64.4664, 58.6448,
37.6276

 64.4664, 58.6448,
37.6276


430.4475,
419.5843, 351.2699

 47.2916, 42.3273,
25.3942


 110.3523,
102.8612, 72.7341

 33.4752, 29.3576,
16.1493


 139.7942,
131.5289, 96.4442

 22.6517, 19.3515,
9.4744

174.0558,
165.0821, 124.8170

 14.4558, 11.9246,
4.9509

213.5026,
203.9052, 158.2710

 8.5222, 6.6923,
2.1602

258.4997,
248.3825, 197.2248

 4.4854, 3.2704,
0.6513

309.4127,

 1.9803, 1.2745,

298.8986, 242.0968

0.0000

366.6069,
355.8377, 293.3057

■ 0.6228, 0.1213,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4664, 58.6448,
37.6276

■ 64.4664, 58.6448,
37.6276

■ 59.2124, 51.1275,
26.6566

■ 70.6025, 67.2077,
51.1088

■ 54.7920, 44.6056,
18.0342

■ 77.6572, 76.8470,
67.2409

■ 51.1582, 39.0368,
11.5855

■ 85.6699, 87.6026,
86.1581

■ 48.2568, 34.3724,
7.1089

■ 94.6766, 99.5099,
107.9846

■ 46.0251, 30.5581, 95.0500, 100.0000,
4.3643 108.9000

■ 44.4249, 27.6299,
2.9917

Harmonies

Analogous

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



69.3125, 58.6448, 50.0678



64.4664, 58.6448, 37.6276



57.5479, 58.6448, 32.4408

Triad

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



64.4664, 58.6448, 37.6276



43.2874, 58.6448, 58.8677



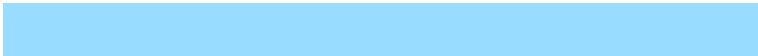
61.1130, 58.6448, 107.1611

Complementary

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



64.4664, 58.6448, 37.6276



56.8543, 65.6058, 104.2743

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.



53.9706, 58.6448, 110.9107



64.4664, 58.6448, 37.6276



44.0663, 58.6448, 79.9642

Square

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



64.4664, 58.6448, 37.6276



45.6133, 58.6448, 42.8963



47.8391, 58.6448, 100.0889



67.2648, 58.6448, 90.7210

Rectangle

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



64.4664, 58.6448, 37.6276



52.8496, 58.6448, 32.8131



47.8391, 58.6448, 100.0889



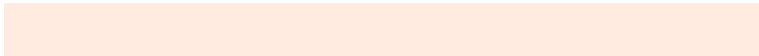
58.7342, 58.6448, 110.0712

Sweetspot

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



64.4679, 58.6476, 37.6288



84.3150, 85.7958, 82.9221



65.7048, 49.0115, 75.3744



17.8154, 18.0544, 17.1980



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.



64.4679, 58.6476, 37.6288



60.3916, 52.8336, 29.0606



76.9367, 83.5853, 41.7850



18.4992, 18.9666, 18.8302



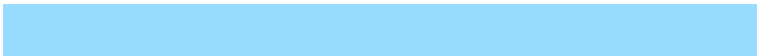
23.3341, 14.6795, 1.6036



2.3672, 1.6197, 0.1879

Inverse Universe

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



56.8543, 65.6058, 104.2743



51.8559, 60.5661, 103.5651



45.5403, 42.9778, 100.5030



18.0199, 19.4114, 23.0470



17.1649, 19.2393, 52.2435



1.7714, 2.0736, 5.1201

Previews

White Background



This preview shows how the XYZ color 64.4664, 58.6448, 37.6276 looks on a white background.

Color Contrast Check

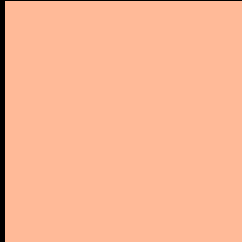
Large Text (above 18pt) WCAG AA × Fail

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 64.4664, 58.6448, 37.6276 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 64.4664, 58.6448, 37.6276

Background



This preview shows how black text looks on a background with the XYZ color 64.4664, 58.6448, 37.6276.



This preview shows how white text looks on a background with the XYZ color 64.4664, 58.6448,

37.6276.

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

64.4664, 58.6448, 37.6276

Protanopia

55.1690, 58.7236, 41.2280

Deuteranopia

59.9158, 58.5514, 37.4218



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

64.4664, 58.6448, 37.6276

Protanomaly

58.3738, 58.7031, 39.7067

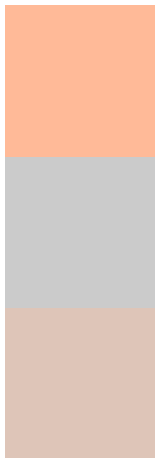
Deuteranomaly

61.3076, 58.2944, 37.2988

Tritanomaly

66.3102, 58.3816, 50.4217

Monochromacy



Original Color

64.4664, 58.6448, 37.6276

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.7422, 58.9228, 53.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4664, 58.6448, 37.6276 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, 186, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 186, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 152) }
```

Border

The CSS property to change the border of an element to XYZ 64.4664, 58.6448, 37.6276 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, 186, 152) }
```


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

```
.border{ border-color:rgb(255, 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(255, 186, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4664, 58.6448, 37.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 152) }
```

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

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