

Converting Colors

XYZ(64.9325, 60.2982, 38.0242)

Have a look what the booklet for
XYZ(64.9325, 60.2982, 38.0242)
contains.

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Color

**XYZ(64.9540, 60.1647,
37.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBE98
RGB	254, 190, 152
RGB Percent	100%, 75%, 60%
CMY	0.0039, 0.2549, 0.4039
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 98%, 80%
HSV	22°, 40%, 100%
XYZ	64.9540, 60.1647, 37.8953
YIQ	204.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

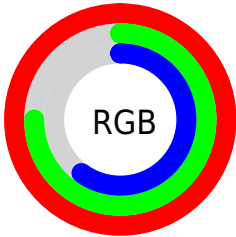
Format	Color
RYB	254, 213, 152
Decimal	16694936
CIELab	81.93, 18.31, 28.16
CIELCh	82, 33.588, 56.966
Yxy	60.1647, 0.3985, 0.3691
Android (android.graphics.Color)	4294885016 (0xFFFEBE98)
YUV	204.8040, -26.0324, 43.1449
Hunter-Lab	77.5659, 13.7363, 25.3296

Details

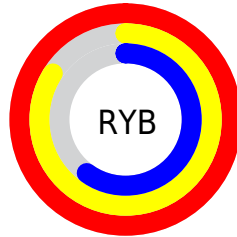
The XYZ color **64.9540, 60.1647, 37.8953** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3933, 62.9406, 102.9951**, and the grayscale version is **58.0429, 61.0656, 66.5004**.

A 20% lighter version of the original color is **85.4583, 91.6765, 72.2227**, and **33.6588, 30.1500, 16.3574** is the 20% darker color. If you saturate the color by 10%, you get **59.8276, 52.8921, 26.9988**, and if you desaturate by 10%, it is **70.9064, 68.3761, 51.2660**.

Distribution



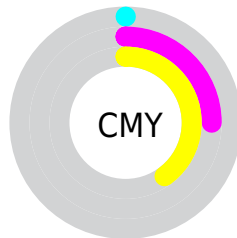
- Red (100%)
- Green (75%)
- Blue (60%)



- Red (100%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9540, 60.1647, 37.8953 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 64.9540, 60.1647, 37.8953 by changing the saturation by 10% instead.


 64.9540, 60.1647,
37.8953


 64.9540, 60.1647,
37.8953


432.1745,
425.2046, 352.4553

 47.6883, 43.5514,
25.6002


 111.0498,
105.0685, 73.1493

 33.7904, 30.3180,
16.3017


 140.6106,
134.1279, 96.9453

 22.8947, 20.0801,
9.5813


175.0006,
168.1047, 125.4120

 14.6361, 12.4533,
5.0203

214.5850,
207.3834, 158.9680

 8.6490, 7.0532,
2.2002

259.7293,
252.3483, 198.0317

 4.5682, 3.4954,
0.6745

310.7987,

 2.0284, 1.3955,

303.3839, 243.0219

0.0000

368.1586,
360.8745, 294.3569

0.6498, 0.2134,
0.0000

0.0000, 0.0000,
0.0000

64.9540, 60.1647,
37.8953

64.9540, 60.1647,
37.8953

59.8276, 52.8921,
26.9988

70.9064, 68.3761,
51.2660

55.4817, 46.5140,
18.4177

77.7179, 77.5511,
67.2488

51.8732, 40.9951,
11.9802

85.4251, 87.7244,
85.9758

48.9520, 36.2936,
7.4886

94.0612, 98.9262,
107.5690

■ 46.6598, 32.3635,
4.7074

94.6830, 99.8108,
108.8828

■ 44.9330, 29.1907,
3.2661

Harmonies

Analogous

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



70.2351, 60.1647, 49.3316



64.9540, 60.1647, 37.8953



57.9103, 60.1647, 33.7099

Triad

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



64.9540, 60.1647, 37.8953



44.6072, 60.1647, 63.4616



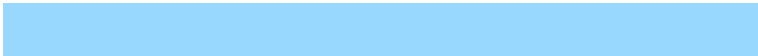
63.6012, 60.1647, 106.8981

Complementary

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



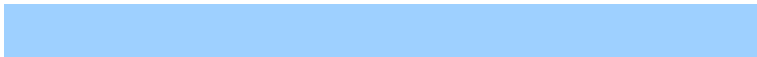
64.9540, 60.1647, 37.8953



55.3933, 62.9406, 102.9951

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.



56.4653, 60.1647, 112.8200



64.9540, 60.1647, 37.8953



45.8602, 60.1647, 84.8853

Square

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



64.9540, 60.1647, 37.8953



46.4867, 60.1647, 46.4242



50.0611, 60.1647, 104.0556



69.4097, 60.1647, 89.2167

Rectangle

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



64.9540, 60.1647, 37.8953



53.2930, 60.1647, 34.7785



50.0611, 60.1647, 104.0556



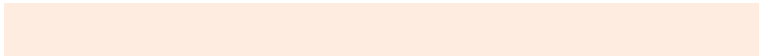
61.2615, 60.1647, 110.4704

Sweetspot

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



64.9555, 60.1676, 37.8965



84.6872, 86.5403, 83.0462



64.5740, 48.5169, 71.3349



17.9026, 18.2290, 17.2271



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.



64.9555, 60.1676, 37.8965



61.4075, 54.8654, 29.3992



77.8187, 85.8939, 42.1842



18.5638, 19.0957, 18.8518



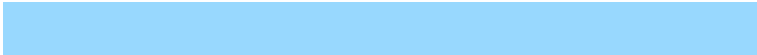
23.8186, 15.6484, 1.7651



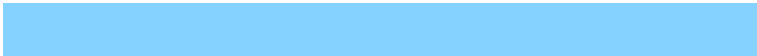
2.4197, 1.7248, 0.2054

Inverse Universe

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



55.3933, 62.9406, 102.9951



50.5570, 57.9683, 103.1321



44.4025, 40.9591, 99.3315



17.9527, 19.2771, 23.0246



16.1468, 17.2031, 51.9041



1.6770, 1.8847, 5.0887

Previews

White Background



This preview shows how the XYZ color 64.9540, 60.1647, 37.8953 looks on a white background.

Color Contrast Check

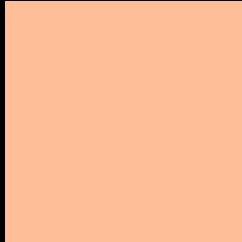
Large Text (above 18pt) WCAG AA × Fail

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 64.9540, 60.1647, 37.8953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

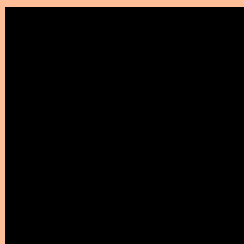
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9540, 60.1647, 37.8953

Background



This preview shows how black text looks on a background with the XYZ color 64.9540, 60.1647, 37.8953.



This preview shows how white text looks on a background with the XYZ color 64.9540, 60.1647,

37.8953.

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

64.9540, 60.1647, 37.8953

Protanopia

56.6779, 60.5598, 41.0497

Deuteranopia

61.6015, 60.4150, 37.6927



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

64.9540, 60.1647, 37.8953

Protanomaly

59.3792, 60.2361, 39.9496

Deuteranomaly

62.8837, 60.4108, 37.6243

Tritanomaly

67.3508, 60.1368, 51.7739

Monochromacy



Original Color

64.9540, 60.1647, 37.8953

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9486, 60.5417, 54.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9540, 60.1647, 37.8953 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, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 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, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 152) }
```

Border

The CSS property to change the border of an element to XYZ 64.9540, 60.1647, 37.8953 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, 190, 152) }
```


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

```
.border{ border-color:rgb(254, 190, 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, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9540, 60.1647, 37.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 152) }
```

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

```
.background{ background-color: rgb(254,  
190, 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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