

Converting Colors

XYZ(60.0491, 50.3029, 34.6362)

Have a look what the booklet for
XYZ(60.0491, 50.3029, 34.6362)
contains.

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Color

**XYZ(60.0404, 50.3084,
34.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA594
RGB	255, 165, 148
RGB Percent	100%, 65%, 58%
CMY	0.0000, 0.3529, 0.4196
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 100%, 79%
HSV	10°, 42%, 100%
XYZ	60.0404, 50.3084, 34.5630
YIQ	189.9720, 59.0970, 13.7930

Conversions

Conversions Part 2

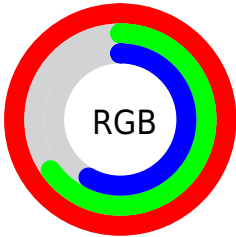
Format	Color
RYB	255, 168, 148
Decimal	16754068
CIELab	76.26, 31.35, 22.63
CIELCh	76, 38.667, 35.829
Yxy	50.3084, 0.4143, 0.3472
Android (android.graphics.Color)	4294944148 (0xFFFFA594)
YUV	189.9720, -20.6922, 57.0296
Hunter-Lab	70.9284, 26.9743, 20.7582

Details

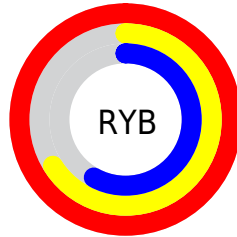
The XYZ color **60.0404, 50.3084, 34.5630** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8358, 74.6617, 105.8122**, and the grayscale version is **49.0202, 51.5731, 56.1631**.

A 20% lighter version of the original color is **77.7571, 77.2372, 66.6871**, and **30.7168, 24.1872, 14.3589** is the 20% darker color. If you saturate the color by 10%, you get **54.6906, 42.4910, 23.8947**, and if you desaturate by 10%, it is **66.4861, 59.6060, 47.7909**.

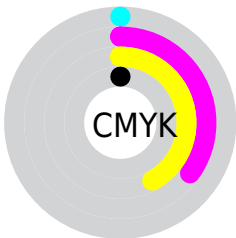
Distribution



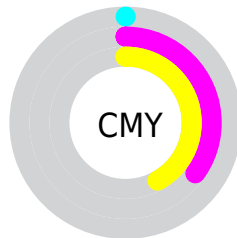
- Red (100%)
- Green (65%)
- Blue (58%)



- Red (100%)
- Yellow (66%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0404, 50.3084, 34.5630 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 60.0404, 50.3084, 34.5630 by changing the saturation by 10% instead.


 60.0404, 50.3084,
34.5630


 60.0404, 50.3084,
34.5630


414.5790,
387.8708, 337.4807

 43.7008, 35.6585,
23.0456

 103.9943, 90.6316,
67.9521

 30.6322, 24.1706,
14.4216

 132.3393,
117.0738, 90.6609

 20.4694, 15.4602,
8.2724

165.4167,
148.2155, 117.9372

 12.8470, 9.1430,
4.1795

203.5921,
184.4411, 150.1996

 7.3995, 4.8346,
1.7243

247.2306,
226.1350, 187.8666

 3.7617, 2.1505,
0.3773

296.6977,

 1.5682, 0.6928,

273.6817, 231.3567

0.0000

352.3587,
327.4655, 281.0886

■ 0.3716, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0404, 50.3084,
34.5630

■ 60.0404, 50.3084,
34.5630

■ 54.6906, 42.4910,
23.8947

■ 66.4861, 59.6060,
47.7909

■ 50.3710, 36.0698,
15.6169

■ 74.0807, 70.4472,
63.7268

■ 47.0146, 30.9639,
9.5446

■ 82.8784, 82.9007,
82.5112

■ 44.5448, 27.0807,
5.4643

■ 92.9288, 97.0289,
104.2741

■ 42.8722, 24.3153, 95.0499, 99.9999,
3.1192 108.9000

■ 42.0166, 22.8134,
2.1889

Harmonies

Analogous

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



63.0784, 50.3084, 50.8194



60.0404, 50.3084, 34.5630



53.7583, 50.3084, 25.8175

Triad

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



60.0404, 50.3084, 34.5630



36.1866, 50.3084, 39.9948



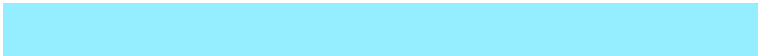
49.2473, 50.3084, 104.9029

Complementary

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



60.0404, 50.3084, 34.5630



60.8358, 74.6617, 105.8122

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.



42.3298, 50.3084, 99.9023



60.0404, 50.3084, 34.5630



35.2394, 50.3084, 58.9356

Square

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



60.0404, 50.3084, 34.5630



40.1076, 50.3084, 28.3535



37.3759, 50.3084, 81.6465



56.4552, 50.3084, 93.9674

Rectangle

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



60.0404, 50.3084, 34.5630



48.8382, 50.3084, 23.8147



37.3759, 50.3084, 81.6465



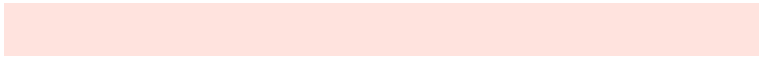
46.8094, 50.3084, 105.0584

Sweetspot

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



60.0417, 50.3109, 34.5640



81.9063, 81.5290, 80.4216



67.4026, 48.6692, 87.4642



17.0991, 16.8400, 16.2867



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.



60.0417, 50.3109, 34.5640



55.6564, 43.9112, 25.7922



71.5402, 73.3080, 38.3968



18.2425, 18.4531, 18.7447



22.0231, 12.0575, 1.1666



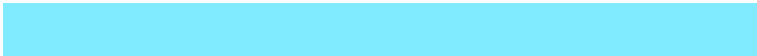
2.2081, 1.3016, 0.1348

Inverse Universe

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



60.8358, 74.6617, 105.8122



56.5099, 71.0361, 105.3407



47.7064, 48.4028, 101.4358



18.2946, 19.9607, 23.1385



22.1509, 29.2114, 53.9055



2.2198, 2.9702, 5.2696

Previews

White Background



This preview shows how the XYZ color 60.0404, 50.3084, 34.5630 looks on a white background.

Color Contrast Check

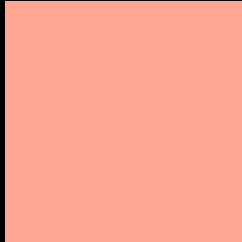
Large Text (above 18pt) WCAG AA × Fail

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 60.0404, 50.3084, 34.5630 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 60.0404, 50.3084, 34.5630

Background



This preview shows how black text looks on a background with the XYZ color 60.0404, 50.3084, 34.5630.



This preview shows how white text looks on a background with the XYZ color 60.0404, 50.3084,

34.5630.

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

60.0404, 50.3084, 34.5630

Protanopia

47.7944, 50.6118, 40.0509

Deuteranopia

51.4535, 50.4642, 33.8167



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

60.0404, 50.3084, 34.5630

Protanomaly

51.4511, 50.0691, 37.9629

Deuteranomaly

54.1226, 50.0589, 34.0039

Tritanomaly

61.1287, 50.1710, 42.0594

Monochromacy



Original Color

60.0404, 50.3084, 34.5630

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.9933, 50.4390, 47.5528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0404, 50.3084, 34.5630 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, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 148)  
}
```

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, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 60.0404, 50.3084, 34.5630 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, 165, 148) }
```


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

```
.border{ border-color:rgb(255, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 148); box-shadow:4px 4px 4px 4px rgb(255, 165, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0404, 50.3084, 34.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 148) }
```

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

```
.background{ background-color: rgb(255,  
165, 148) }
```

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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