

Converting Colors

XYZ(71.8553, 56.6702, 35.0402)

Have a look what the booklet for
XYZ(71.8553, 56.6702, 35.0402)
contains.

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Color

**XYZ(60.2215, 50.6706,
34.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA694
RGB	255, 166, 148
RGB Percent	100%, 65%, 58%
CMY	0.0000, 0.3490, 0.4196
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 100%, 79%
HSV	10°, 42%, 100%
XYZ	60.2215, 50.6706, 34.6233
YIQ	190.5590, 58.8220, 13.2700

Conversions

Conversions Part 2

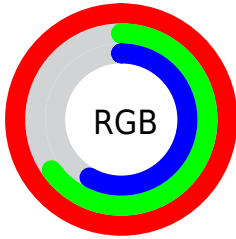
Format	Color
R_{YB}	255, 170, 148
Decimal	16754324
CIE _{Lab}	76.48, 30.83, 22.94
CIE _{LCh}	76, 38.425, 36.649
Yxy	50.6706, 0.4138, 0.3482
Android (android.graphics.Color)	4294944404 (0xFFFFA694)
YUV	190.5590, -20.9816, 56.5148
Hunter-Lab	71.1833, 26.4414, 20.9899

Details

The XYZ color **60.2215, 50.6706, 34.6233** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5454, 74.0809, 105.7155**, and the grayscale version is **49.3609, 51.9315, 56.5534**.

A 20% lighter version of the original color is **78.0219, 77.7668, 66.7754**, and **30.8277, 24.4091, 14.3959** is the 20% darker color. If you saturate the color by 10%, you get **54.8785, 42.8667, 23.9573**, and if you desaturate by 10%, it is **66.6475, 59.9288, 47.8446**.

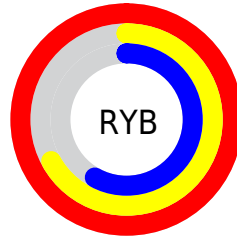
Distribution



Red (100%)

Green (65%)

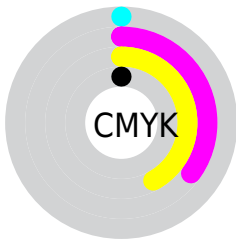
Blue (58%)



Red (100%)

Yellow (67%)

Blue (58%)

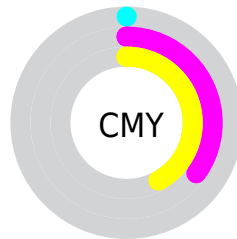


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2215, 50.6706, 34.6233 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 60.2215, 50.6706, 34.6233 by changing the saturation by 10% instead.


 60.2215, 50.6706,
34.6233

 60.2215, 50.6706,
34.6233


415.2354,
389.2826, 337.7561

 43.8473, 35.9465,
23.0916


 104.2554, 91.1677,
68.0467

 30.7479, 24.3929,
14.4552


 132.6459,
117.7095, 90.7755

 20.5578, 15.6253,
8.2956


165.7725,
148.9593, 118.0738

 12.9118, 9.2594,
4.1942

204.0007,
185.3015, 150.3601

 7.4444, 4.9108,
1.7325

247.6957,
227.1206, 188.0529

 3.7903, 2.1950,
0.3828

297.2229,

 1.5842, 0.7173,

274.8009, 231.5708

0.0000

352.9477,
328.7268, 281.3324

■ 0.3821, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2215, 50.6706,
34.6233

■ 60.2215, 50.6706,
34.6233

■ 54.8785, 42.8667,
23.9573

■ 66.6475, 59.9288,
47.8446

■ 50.5539, 36.4356,
15.6779

■ 74.2084, 70.7026,
63.7693

■ 47.1823, 31.2991,
9.6005

■ 82.9575, 83.0588,
82.5375

■ 44.6883, 27.3676,
5.5121

■ 92.9433, 97.0580,
104.2788

■ 42.9846, 24.5401, 95.0499, 100.0000,
3.1566 108.9000

■ 42.1006, 22.9813,
2.2169

Harmonies

Analogous

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



63.3615, 50.6706, 50.6811



60.2215, 50.6706, 34.6233



53.8949, 50.6706, 26.0562

Triad

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



60.2215, 50.6706, 34.6233



36.4724, 50.6706, 40.8238



49.7915, 50.6706, 105.0308

Complementary

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



60.2215, 50.6706, 34.6233



60.5454, 74.0809, 105.7155

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.



42.8487, 50.6706, 100.4916



60.2215, 50.6706, 34.6233



35.6094, 50.6706, 59.9200

Square

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



60.2215, 50.6706, 34.6233



40.3166, 50.6706, 28.9585



37.8287, 50.6706, 82.5698



56.9618, 50.6706, 93.7598

Rectangle

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



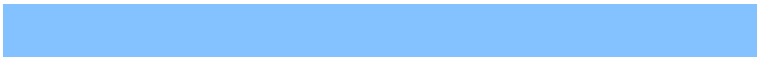
60.2215, 50.6706, 34.6233



48.9796, 50.6706, 24.1640



37.8287, 50.6706, 82.5698



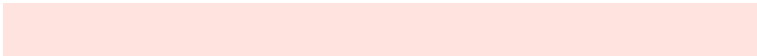
47.3513, 50.6706, 105.3384

Sweetspot

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



60.2228, 50.6731, 34.6243



81.9912, 81.6988, 80.4499



67.1404, 48.5643, 86.0836



17.1198, 16.8814, 16.2936



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.



60.2228, 50.6731, 34.6243



55.8439, 44.2863, 25.8548



72.0039, 74.2354, 38.5513



18.2563, 18.4808, 18.7493



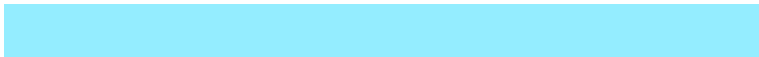
22.0703, 12.1518, 1.1823



2.2147, 1.3148, 0.1370

Inverse Universe

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



60.5454, 74.0809, 105.7155



56.1703, 70.3569, 105.2275



47.3344, 47.6590, 101.3118



18.2794, 19.9304, 23.1335



21.8411, 28.5917, 53.8022



2.1924, 2.9155, 5.2605

Previews

White Background



This preview shows how the XYZ color 60.2215, 50.6706, 34.6233 looks on a white background.

Color Contrast Check

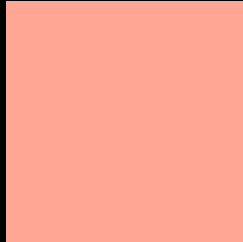
Large Text (above 18pt) WCAG AA × Fail

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 60.2215, 50.6706, 34.6233 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 60.2215, 50.6706, 34.6233

Background



This preview shows how black text looks on a background with the XYZ color 60.2215, 50.6706, 34.6233.



This preview shows how white text looks on a background with the XYZ color 60.2215, 50.6706,

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

60.2215, 50.6706, 34.6233

Protanopia

48.0088, 51.0405, 40.1224

Deuteranopia

51.7589, 50.6217, 33.8310



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

60.2215, 50.6706, 34.6233

Protanomaly

51.6537, 50.4744, 38.0304

Deuteranomaly

54.6453, 50.6184, 34.0843

Tritanomaly

61.3070, 50.5275, 42.1189

Monochromacy



Original Color

60.2215, 50.6706, 34.6233

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.1974, 50.8472, 47.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2215, 50.6706, 34.6233 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, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 148) }
```

Border

The CSS property to change the border of an element to XYZ 60.2215, 50.6706, 34.6233 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, 166, 148) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2215, 50.6706, 34.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 148) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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