

Converting Colors

XYZ(60.4334, 50.4472, 36.6892)

Have a look what the booklet for
XYZ(60.4334, 50.4472, 36.6892)
contains.

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Color

**XYZ(60.4449, 50.4702,
36.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA599
RGB	255, 165, 153
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3529, 0.4000
CMYK	0.00, 0.35, 0.40, 0.00
HSL	7°, 100%, 80%
HSV	7°, 40%, 100%
XYZ	60.4449, 50.4702, 36.6929
YIQ	190.5420, 57.4920, 15.3480

Conversions

Conversions Part 2

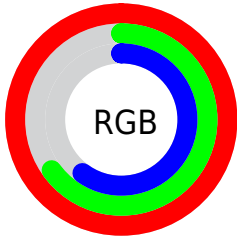
Format	Color
R_{YB}	255, 167, 153
Decimal	16754073
CIE _{Lab}	76.36, 31.89, 20.06
CIE _{LCh}	76, 37.670, 32.173
Yxy	50.4702, 0.4095, 0.3419
Android (android.graphics.Color)	4294944153 (0xFFFFA599)
YUV	190.5420, -18.5082, 56.5297
Hunter-Lab	71.0424, 27.5488, 19.1068

Details

The XYZ color **60.4449, 50.4702, 36.6929** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2359, 78.0901, 106.3476**, and the grayscale version is **49.3377, 51.9071, 56.5269**.

A 20% lighter version of the original color is **78.3589, 77.4779, 69.8563**, and **30.9574, 24.2834, 15.6259** is the 20% darker color. If you saturate the color by 10%, you get **54.8523, 42.3030, 25.5247**, and if you desaturate by 10%, it is **67.2040, 60.2500, 50.4712**.

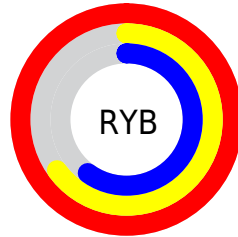
Distribution



Red (100%)

Green (65%)

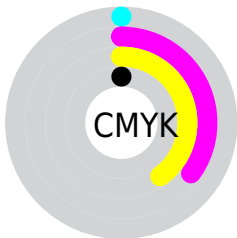
Blue (60%)



Red (100%)

Yellow (65%)

Blue (60%)

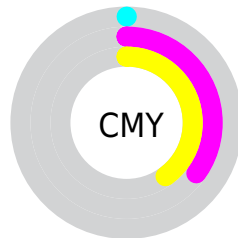


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4449, 50.4702, 36.6929 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 60.4449, 50.4702, 36.6929 by changing the saturation by 10% instead.


 60.4449, 50.4702,
36.6929

 60.4449, 50.4702,
36.6929


416.0442,
388.5019, 347.1076

 44.0282, 35.7871,
24.6759


 104.5775, 90.8712,
71.2813

 30.8907, 24.2699,
15.6189


 133.0240,
117.3579, 94.6897

 20.6670, 15.5339,
9.1035

166.2112,
148.5479, 122.7323

 12.9919, 9.1950,
4.7110

204.5044,
184.8256, 155.8277

 7.4999, 4.8686,
2.0230

248.2689,
226.5755, 194.3944

 3.8258, 2.1703,
0.5693

297.8702,

 1.6040, 0.7038,

274.1819, 238.8509

0.0000

353.6735,
328.0292, 289.6158

■ 0.3950, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4449, 50.4702,
36.6929

■ 60.4449, 50.4702,
36.6929

■ 54.8523, 42.3030,
25.5247

■ 67.2040, 60.2500,
50.4712

■ 50.3559, 35.6546,
16.7987

■ 75.1868, 71.7148,
67.0071

■ 46.8840, 30.4330,
10.3323

■ 84.4512, 84.9417,
86.4405

■ 44.3545, 26.5329,
5.9157

95.0499, 100.0000,
108.9000

■ 42.6719, 23.8345,
3.2998

■ 41.7046, 22.1893,
2.0849

■ 41.7046, 22.1893,
2.0849

Harmonies

Analogous

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



62.9056, 50.4702, 53.4880



60.4449, 50.4702, 36.6929



54.6121, 50.4702, 27.1758

Triad

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



60.4449, 50.4702, 36.6929



36.9072, 50.4702, 38.6845



48.4886, 50.4702, 103.8641

Complementary

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



60.4449, 50.4702, 36.6929



63.2359, 78.0901, 106.3476

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.



41.8903, 50.4702, 97.1623



60.4449, 50.4702, 36.6929



35.6087, 50.4702, 56.4455

Square

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



60.4449, 50.4702, 36.6929



41.0785, 50.4702, 28.1110



37.3424, 50.4702, 78.4457



55.5930, 50.4702, 95.0162

Rectangle

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



60.4449, 50.4702, 36.6929



49.8489, 50.4702, 24.6643



37.3424, 50.4702, 78.4457



46.1397, 50.4702, 103.3524

Sweetspot

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



60.4462, 50.4727, 36.6939



82.4928, 82.1513, 82.3147



68.8242, 50.5200, 90.9971



17.3892, 17.2022, 17.0560



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.



60.4462, 50.4727, 36.6939



55.8808, 43.8120, 27.5570



71.5202, 72.6206, 40.3852



18.1815, 18.3312, 18.7243



21.8456, 11.7024, 1.1074



2.1796, 1.2445, 0.1253

Inverse Universe

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



63.2359, 78.0901, 106.3476



58.9948, 74.8440, 105.9447



50.0588, 51.7359, 101.9553



18.3616, 20.0948, 23.1609



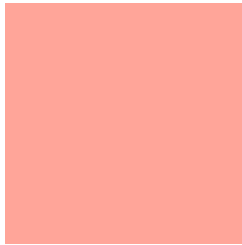
23.5710, 32.0516, 54.3788



2.3445, 3.2196, 5.3112

Previews

White Background



This preview shows how the XYZ color 60.4449, 50.4702, 36.6929 looks on a white background.

Color Contrast Check

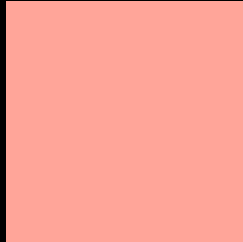
Large Text (above 18pt) WCAG AA × Fail

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 60.4449, 50.4702, 36.6929 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 60.4449, 50.4702, 36.6929

Background



This preview shows how black text looks on a background with the XYZ color 60.4449, 50.4702, 36.6929.



This preview shows how white text looks on a background with the XYZ color 60.4449, 50.4702,

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

60.4449, 50.4702, 36.6929

Protanopia

47.9728, 50.6525, 42.3704

Deuteranopia

51.5441, 50.4654, 35.8783



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

60.4449, 50.4702, 36.6929

Protanomaly

51.8798, 50.2407, 40.2208

Deuteranomaly

54.5202, 50.2179, 36.0977

Tritanomaly

61.4905, 50.6009, 43.0853

Monochromacy



Original Color

60.4449, 50.4702, 36.6929

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.3953, 50.9264, 48.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4449, 50.4702, 36.6929 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.4449, 50.4702, 36.6929 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, 153) }
```


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

```
.border{ border-color:rgb(255, 165, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 153); box-shadow:4px 4px 4px 4px rgb(255, 165, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4449, 50.4702, 36.6929 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
165, 153) }
```

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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