

Converting Colors

XYZ(60.6814, 50.9431, 36.7717)

Have a look what the booklet for
XYZ(60.6814, 50.9431, 36.7717)
contains.

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Color

**XYZ(60.6260, 50.8323,
36.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA699
RGB	255, 166, 153
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3490, 0.4000
CMYK	0.00, 0.35, 0.40, 0.00
HSL	8°, 100%, 80%
HSV	8°, 40%, 100%
XYZ	60.6260, 50.8323, 36.7533
YIQ	191.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

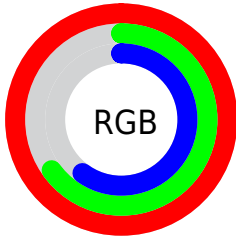
Format	Color
R_{YB}	255, 168, 153
Decimal	16754329
CIE _{Lab}	76.58, 31.36, 20.36
CIE _{LCh}	77, 37.394, 32.992
Yxy	50.8323, 0.4091, 0.3430
Android (android.graphics.Color)	4294944409 (0xFFFFA699)
YUV	191.1290, -18.7976, 56.0149
Hunter-Lab	71.2968, 27.0151, 19.3439

Details

The XYZ color **60.6260, 50.8323, 36.7533** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9377, 77.4936, 106.2483**, and the grayscale version is **49.6796, 52.2668, 56.9186**.

A 20% lighter version of the original color is **78.6238, 78.0075, 69.9445**, and **31.0684, 24.5053, 15.6629** is the 20% darker color. If you saturate the color by 10%, you get **55.0402, 42.6787, 25.5873**, and if you desaturate by 10%, it is **67.3641, 60.5701, 50.5246**.

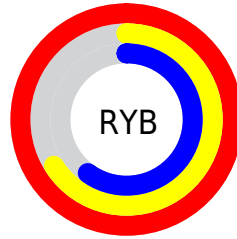
Distribution



Red (100%)

Green (65%)

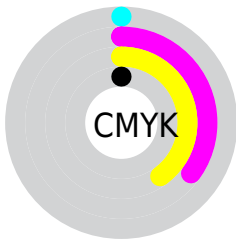
Blue (60%)



Red (100%)

Yellow (66%)

Blue (60%)

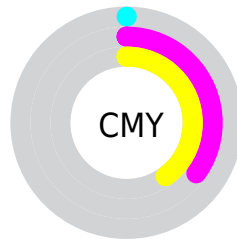


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6260, 50.8323, 36.7533 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 60.6260, 50.8323, 36.7533 by changing the saturation by 10% instead.


 60.6260, 50.8323,
36.7533


 60.6260, 50.8323,
36.7533


416.6992,
389.9119, 347.3777

 44.1748, 36.0752,
24.7223

 104.8384, 91.4068,
71.3753

 31.0065, 24.4923,
15.6531


 133.3303,
117.9930, 94.8033

 20.7556, 15.6992,
9.1273


166.5665,
149.2910, 122.8674

 13.0569, 9.3115,
4.7264

204.9124,
185.6852, 155.9861

 7.5450, 4.9449,
2.0317

248.7332,
227.5600, 194.5779

 3.8546, 2.2150,
0.5747

298.3944,

 1.6202, 0.7281,

275.2998, 239.0614

0.0000

354.2613,
329.2889, 289.8552

■ 0.4055, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6260, 50.8323,
36.7533

■ 60.6260, 50.8323,
36.7533

■ 55.0402, 42.6787,
25.5873

■ 67.3641, 60.5701,
50.5246

■ 50.5378, 36.0182,
16.8593

■ 75.3105, 71.9621,
67.0484

■ 47.0486, 30.7620,
10.3871

■ 84.5219, 85.0830,
86.4642

■ 44.4923, 26.8085,
5.9617

95.0500, 100.0000,
108.9000

■ 42.7759, 24.0423,
3.3344

■ 41.7705, 22.3210,
2.1069

■ 41.7704, 22.3209,
2.1068

Harmonies

Analogous

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



63.1878, 50.8323, 53.3423



60.6260, 50.8323, 36.7533



54.7490, 50.8323, 27.4209

Triad

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



60.6260, 50.8323, 36.7533



37.1954, 50.8323, 39.4952



49.0269, 50.8323, 103.9919

Complementary

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



60.6260, 50.8323, 36.7533



62.9377, 77.4936, 106.2483

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.



42.4051, 50.8323, 97.7424



60.6260, 50.8323, 36.7533



35.9801, 50.8323, 57.4028

Square

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



60.6260, 50.8323, 36.7533



41.2895, 50.8323, 28.7117



37.7940, 50.8323, 79.3463



56.0944, 50.8323, 94.8062

Rectangle

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



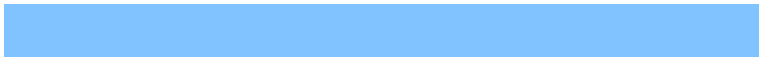
60.6260, 50.8323, 36.7533



49.9909, 50.8323, 25.0203



37.7940, 50.8323, 79.3463



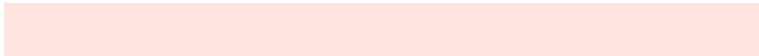
46.6762, 50.8323, 103.6304

Sweetspot

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



60.6273, 50.8348, 36.7543



82.5753, 82.3165, 82.3422



68.8243, 50.5200, 90.9973



17.4085, 17.2407, 17.0624



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.



60.6273, 50.8348, 36.7543



56.0684, 44.1871, 27.6195



71.5203, 72.6207, 40.3853



18.1960, 18.3601, 18.7292



21.8834, 11.7781, 1.1200



2.1864, 1.2581, 0.1276

Inverse Universe

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



62.9377, 77.4936, 106.2483



58.6417, 74.1377, 105.8270



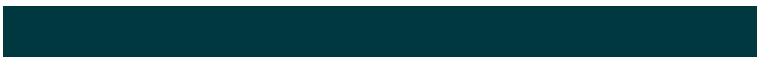
50.0589, 51.7360, 101.9554



18.3456, 20.0629, 23.1556



23.2255, 31.3606, 54.2637



2.3142, 3.1591, 5.3011

Previews

White Background



This preview shows how the XYZ color 60.6260, 50.8323, 36.7533 looks on a white background.

Color Contrast Check

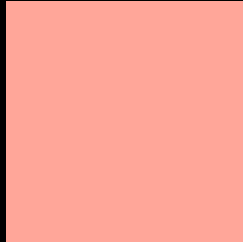
Large Text (above 18pt) WCAG AA × Fail

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 60.6260, 50.8323, 36.7533 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 60.6260, 50.8323, 36.7533

Background



This preview shows how black text looks on a background with the XYZ color 60.6260, 50.8323, 36.7533.



This preview shows how white text looks on a background with the XYZ color 60.6260, 50.8323,

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

60.6260, 50.8323, 36.7533

Protanopia

48.4516, 51.2176, 42.4543

Deuteranopia

52.0518, 51.0301, 35.9605



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

60.6260, 50.8323, 36.7533

Protanomaly

52.0825, 50.6459, 40.2883

Deuteranomaly

54.7155, 50.6087, 36.1628

Tritanomaly

61.6702, 50.9603, 43.1452

Monochromacy



Original Color

60.6260, 50.8323, 36.7533

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 60.6260, 50.8323, 36.7533 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.6260, 50.8323, 36.7533 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, 153) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6260, 50.8323, 36.7533 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, 153) }
```

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

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