

Converting Colors

XYZ(74.9403, 58.8005, 33.8108)

Have a look what the booklet for
XYZ(74.9403, 58.8005, 33.8108)
contains.

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Color

**XYZ(60.2767, 51.2789,
33.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA890
RGB	255, 168, 144
RGB Percent	100%, 66%, 56%
CMY	0.0000, 0.3411, 0.4353
CMYK	0.00, 0.34, 0.44, 0.00
HSL	13°, 100%, 78%
HSV	13°, 44%, 100%
XYZ	60.2767, 51.2789, 33.1064
YIQ	191.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

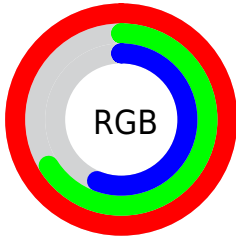
Format	Color
R _Y B	255, 175, 144
Decimal	16754832
CIE Lab	76.85, 29.37, 25.60
CIE LCh	77, 38.958, 41.070
Yxy	51.2789, 0.4167, 0.3545
Android (android.graphics.Color)	4294944912 (0xFFFFA890)
YUV	191.2770, -23.3076, 55.8851
Hunter-Lab	71.6093, 24.9351, 22.7156

Details

The XYZ color **60.2767, 51.2789, 33.1064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1261, 70.2981, 105.1130**, and the grayscale version is **49.7901, 52.3831, 57.0452**.

A 20% lighter version of the original color is **78.0887, 78.6485, 64.4910**, and **30.8715, 24.7875, 13.5133** is the 20% darker color. If you saturate the color by 10%, you get **55.1332, 43.7666, 22.8381**, and if you desaturate by 10%, it is **66.4301, 60.1064, 45.8838**.

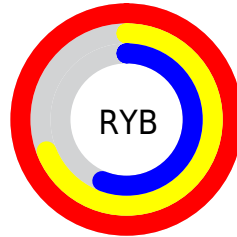
Distribution



Red (100%)

Green (66%)

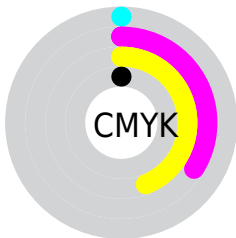
Blue (56%)



Red (100%)

Yellow (69%)

Blue (56%)

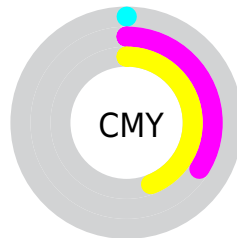


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2767, 51.2789, 33.1064 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 60.2767, 51.2789, 33.1064 by changing the saturation by 10% instead.


 60.2767, 51.2789,
33.1064


 60.2767, 51.2789,
33.1064


415.4353,
391.6464, 330.7756

 43.8920, 36.4306,
21.9362


 104.3350, 92.0669,
65.6595

 30.7832, 24.7670,
13.6121


 132.7394,
118.7754, 87.8795

 20.5848, 15.9035,
7.7157


165.8810,
150.2061, 114.6199

 12.9316, 9.4559,
3.8285

204.1252,
186.7434, 146.2991

 7.4581, 5.0397,
1.5317

247.8374,
228.7717, 183.3357

 3.7991, 2.2706,
0.2414

297.3829,

 1.5891, 0.7581,

276.6754, 226.1483

0.0000

353.1271,
330.8388, 275.1555

■ 0.3853, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2767, 51.2789,
33.1064

■ 60.2767, 51.2789,
33.1064

■ 55.1332, 43.7666,
22.8381

■ 66.4301, 60.1064,
45.8838

■ 50.9397, 37.4982,
14.9093

■ 73.6407, 70.3008,
61.3186

■ 47.6362, 32.4072,
9.1339

■ 81.9578, 81.9199,
79.5512

■ 45.1531, 28.4175,
5.2959

■ 91.4259, 95.0163,
100.7111

■ 43.4093, 25.4430, 95.0500, 100.0000,
3.1331 108.9000

■ 42.6132, 24.0065,
2.3877

Harmonies

Analogous

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



64.0849, 51.2789, 48.3669



60.2767, 51.2789, 33.1064



53.5040, 51.2789, 25.4699

Triad

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



60.2767, 51.2789, 33.1064



36.4769, 51.2789, 43.6263



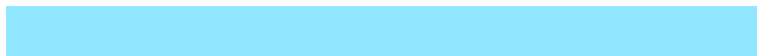
51.5235, 51.2789, 106.1552

Complementary

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



60.2767, 51.2789, 33.1064



58.1261, 70.2981, 105.1130

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.



44.2658, 51.2789, 103.9512



60.2767, 51.2789, 33.1064



36.0622, 51.2789, 64.0327

Square

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



60.2767, 51.2789, 33.1064



39.9731, 51.2789, 30.3954



38.7765, 51.2789, 87.1256



58.7012, 51.2789, 92.5498

Rectangle

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



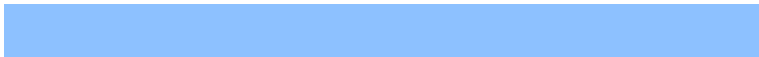
60.2767, 51.2789, 33.1064



48.4737, 51.2789, 24.1897



38.7765, 51.2789, 87.1256



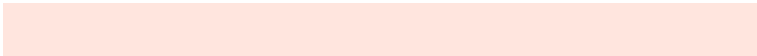
49.0054, 51.2789, 107.3126

Sweetspot

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



60.2780, 51.2814, 33.1074



82.4294, 82.5752, 80.5960



65.8929, 47.0787, 82.5554



17.2266, 17.0951, 16.3293



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.



60.2780, 51.2814, 33.1074



55.8567, 44.8332, 24.2523



72.3158, 75.3571, 37.1200



18.3278, 18.6237, 18.7731



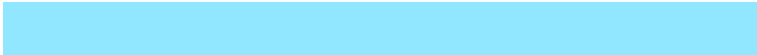
22.3543, 12.7198, 1.2770



2.2523, 1.3900, 0.1496

Inverse Universe

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



58.1261, 70.2981, 105.1130



53.4170, 65.9552, 104.5230



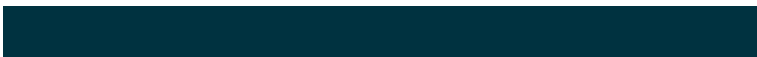
45.3334, 44.7127, 100.8487



18.2019, 19.7754, 23.1076



20.3201, 25.5498, 53.2952



2.0573, 2.6454, 5.2154

Previews

White Background



This preview shows how the XYZ color 60.2767, 51.2789, 33.1064 looks on a white background.

Color Contrast Check

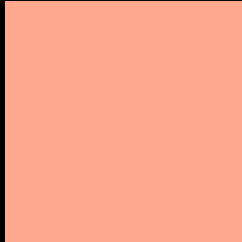
Large Text (above 18pt) WCAG AA × Fail

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 60.2767, 51.2789, 33.1064 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 60.2767, 51.2789, 33.1064

Background



This preview shows how black text looks on a background with the XYZ color 60.2767, 51.2789, 33.1064.



This preview shows how white text looks on a background with the XYZ color 60.2767, 51.2789,

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

60.2767, 51.2789, 33.1064

Protanopia

48.6033, 51.7166, 37.9925

Deuteranopia

52.2761, 51.2263, 32.3317



Tritanopia

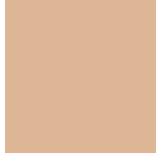
62.5316, 51.3049, 47.6813

Trichromacy



Original Color

60.2767, 51.2789, 33.1064



Protanomaly

52.0518, 51.0301, 35.9605



Deuteranomaly

54.8656, 51.0594, 32.5549



Tritanomaly

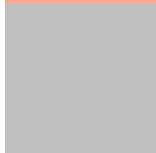
61.5771, 51.2128, 41.7615

Monochromacy



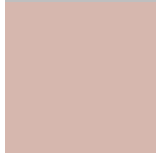
Original Color

60.2767, 51.2789, 33.1064



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.3050, 51.2191, 47.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2767, 51.2789, 33.1064 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, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 144)  
}
```

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, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 144) }
```

Border

The CSS property to change the border of an element to XYZ 60.2767, 51.2789, 33.1064 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, 168, 144) }
```


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

```
.border{ border-color:rgb(255, 168, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2767, 51.2789, 33.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 144) }
```

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

```
.background{ background-color: rgb(255,  
168, 144) }
```

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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