

Converting Colors

XYZ(95.8947, 70.0065, 34.6718)

Have a look what the booklet for
XYZ(95.8947, 70.0065, 34.6718)
contains.

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Color

**XYZ(60.4620, 51.6496,
33.1682)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA990
RGB	255, 169, 144
RGB Percent	100%, 66%, 56%
CMY	0.0000, 0.3372, 0.4353
CMYK	0.00, 0.34, 0.44, 0.00
HSL	14°, 100%, 78%
HSV	14°, 44%, 100%
XYZ	60.4620, 51.6496, 33.1682
YIQ	191.8640, 59.2810, 10.4570

Conversions

Conversions Part 2

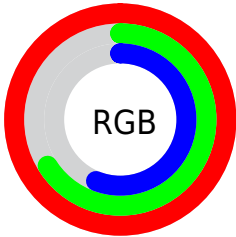
Format	Color
R _Y B	255, 176, 144
Decimal	16755088
CIE Lab	77.07, 28.85, 25.90
CIE LCh	77, 38.767, 41.913
Yxy	51.6496, 0.4162, 0.3555
Android (android.graphics.Color)	4294945168 (0xFFFFA990)
YUV	191.8640, -23.5970, 55.3703
Hunter-Lab	71.8677, 24.4030, 22.9440

Details

The XYZ color **60.4620, 51.6496, 33.1682** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.8469, 69.7397, 105.0197**, and the grayscale version is **50.1339, 52.7448, 57.4391**.

A 20% lighter version of the original color is **78.3583, 79.1876, 64.5809**, and **30.9861, 25.0169, 13.5515** is the 20% darker color. If you saturate the color by 10%, you get **55.3271, 44.1545, 22.9028**, and if you desaturate by 10%, it is **66.5950, 60.4364, 45.9388**.

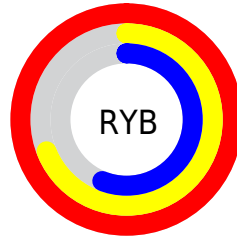
Distribution



Red (100%)

Green (66%)

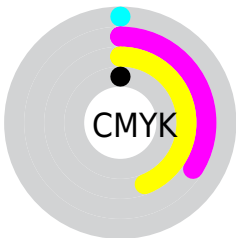
Blue (56%)



Red (100%)

Yellow (69%)

Blue (56%)

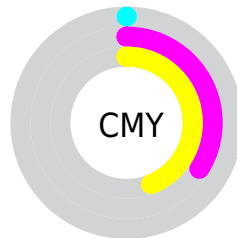


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4620, 51.6496, 33.1682 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 60.4620, 51.6496, 33.1682 by changing the saturation by 10% instead.


 60.4620, 51.6496,
33.1682


 60.4620, 51.6496,
33.1682


416.1061,
393.0824, 331.0622

 44.0420, 36.7259,
21.9832

 104.6021, 92.6143,
65.7571

 30.9016, 24.9953,
13.6463


 133.0529,
119.4240, 87.9980

 20.6754, 16.0736,
7.7392

166.2447,
150.9645, 114.7613

 12.9980, 9.5762,
3.8431

204.5429,
187.6201, 146.4655

 7.5042, 5.1189,
1.5397

248.3128,
229.7754, 183.5291

 3.8285, 2.3172,
0.2472

297.9197,

 1.6056, 0.7828,

277.8145, 226.3708

0.0000

353.7290,
332.1221, 275.4089

■ 0.3960, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4620, 51.6496,
33.1682

■ 60.4620, 51.6496,
33.1682

■ 55.3271, 44.1545,
22.9028

■ 66.5950, 60.4364,
45.9388

■ 51.1315, 37.8819,
14.9733

■ 73.7727, 70.5647,
61.3626

■ 47.8161, 32.7673,
9.1939

■ 82.0432, 82.0910,
79.5797

■ 45.3128, 28.7370,
5.3492

■ 91.4508, 95.0661,
100.7194

■ 43.5418, 25.7081, 95.0499, 99.9999,
3.1773 108.9000

■ 42.7252, 24.2305,
2.4251

Harmonies

Analogous

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



64.3749, 51.6496, 48.2366



60.4620, 51.6496, 33.1682



53.6437, 51.6496, 25.7094

Triad

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



60.4620, 51.6496, 33.1682



36.7675, 51.6496, 44.5090



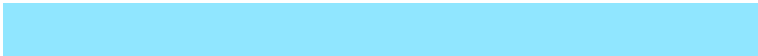
52.0882, 51.6496, 106.2887

Complementary

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



60.4620, 51.6496, 33.1682



57.8469, 69.7397, 105.0197

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.



44.8042, 51.6496, 104.5613



60.4620, 51.6496, 33.1682



36.4413, 51.6496, 65.0779

Square

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



60.4620, 51.6496, 33.1682



40.1850, 51.6496, 31.0327



39.2440, 51.6496, 88.0949



59.2252, 51.6496, 92.3484

Rectangle

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



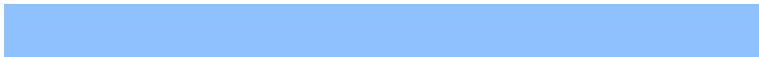
60.4620, 51.6496, 33.1682



48.6178, 51.6496, 24.5457



39.2440, 51.6496, 88.0949



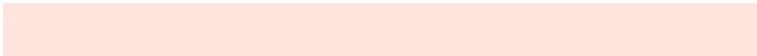
49.5680, 51.6496, 107.6012

Sweetspot

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



60.4633, 51.6521, 33.1692



82.5121, 82.7407, 80.6236



65.6301, 46.9736, 81.1720



17.2468, 17.1355, 16.3360



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.



60.4633, 51.6521, 33.1692



56.0501, 45.2200, 24.3167



72.8089, 76.3434, 37.2844



18.3412, 18.6507, 18.7776



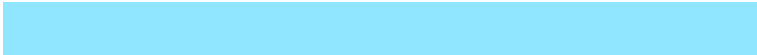
22.4157, 12.8427, 1.2975



2.2601, 1.4055, 0.1522

Inverse Universe

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



57.8469, 69.7397, 105.0197



53.0926, 65.3065, 104.4149



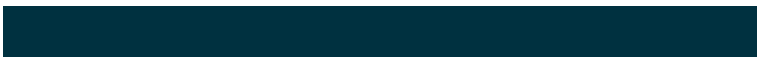
44.9697, 43.9852, 100.7273



18.1874, 19.7464, 23.1028



20.0474, 25.0043, 53.2043



2.0329, 2.5966, 5.2073

Previews

White Background



This preview shows how the XYZ color 60.4620, 51.6496, 33.1682 looks on a white background.

Color Contrast Check

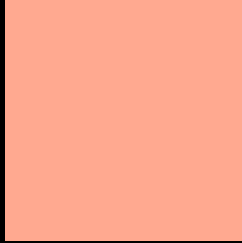
Large Text (above 18pt) WCAG AA × Fail

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 60.4620, 51.6496, 33.1682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

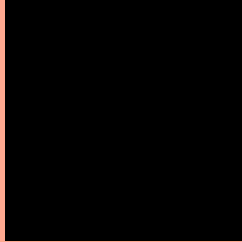
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4620, 51.6496, 33.1682

Background



This preview shows how black text looks on a background with the XYZ color 60.4620, 51.6496, 33.1682.



This preview shows how white text looks on a background with the XYZ color 60.4620, 51.6496,

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

60.4620, 51.6496, 33.1682

Protanopia

48.6033, 51.7166, 37.9925

Deuteranopia

52.7925, 51.7976, 32.4148



Tritanopia

62.8120, 51.7068, 48.2648

Trichromacy



Original Color

60.4620, 51.6496, 33.1682

Protanomaly

52.0518, 51.0301, 35.9605

Deuteranomaly

55.3950, 51.6267, 32.6365

Tritanomaly

61.8502, 51.6140, 42.3000

Monochromacy



Original Color

60.4620, 51.6496, 33.1682

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.9027, 51.8232, 47.7720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4620, 51.6496, 33.1682 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 60.4620, 51.6496, 33.1682 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, 169, 144) }
```


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

```
.border{ border-color:rgb(255, 169, 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, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4620, 51.6496, 33.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 144) }
```

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

```
.background{ background-color: rgb(255,  
169, 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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