

Converting Colors

XYZ(60.3670, 51.6056, 32.6864)

Have a look what the booklet for
XYZ(60.3670, 51.6056, 32.6864)
contains.

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Color

**XYZ(60.3859, 51.6191,
32.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA98F
RGB	255, 169, 143
RGB Percent	100%, 66%, 56%
CMY	0.0000, 0.3372, 0.4392
CMYK	0.00, 0.34, 0.44, 0.00
HSL	14°, 100%, 78%
HSV	14°, 44%, 100%
XYZ	60.3859, 51.6191, 32.7674
YIQ	191.7500, 59.6020, 10.1460

Conversions

Conversions Part 2

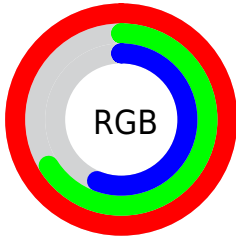
Format	Color
R _Y B	255, 177, 143
Decimal	16755087
CIE Lab	77.05, 28.75, 26.41
CIE LCh	77, 39.036, 42.572
Yxy	51.6191, 0.4171, 0.3566
Android (android.graphics.Color)	4294945167 (0xFFFFA98F)
YUV	191.7500, -24.0337, 55.4703
Hunter-Lab	71.8464, 24.2954, 23.2518

Details

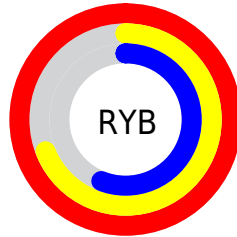
The XYZ color **60.3859, 51.6191, 32.7674** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3957, 69.0953, 104.9192**, and the grayscale version is **50.0697, 52.6772, 57.3655**.

A 20% lighter version of the original color is **78.2433, 79.1416, 63.9753**, and **30.9421, 24.9993, 13.3197** is the 20% darker color. If you saturate the color by 10%, you get **55.2956, 44.1866, 22.5991**, and if you desaturate by 10%, it is **66.4633, 60.3231, 45.4317**.

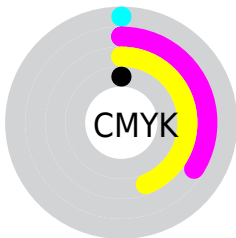
Distribution



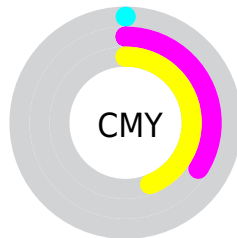
- Red (100%)
- Green (66%)
- Blue (56%)



- 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 60.3859, 51.6191, 32.7674 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 60.3859, 51.6191, 32.7674 by changing the saturation by 10% instead.


 60.3859, 51.6191,
32.7674

 60.3859, 51.6191,
32.7674


415.8307,
392.9644, 329.2001

 43.9804, 36.7016,
21.6787

 104.4924, 92.5693,
65.1240

 30.8530, 24.9765,
13.4249


 132.9242,
119.3706, 87.2290

 20.6382, 16.0595,
7.5876


166.0954,
150.9021, 113.8431

 12.9707, 9.5663,
3.7483

204.3714,
187.5481, 145.3850

 7.4853, 5.1124,
1.4883

248.1176,
229.6928, 182.2731

 3.8164, 2.3133,
0.2092

297.6993,

 1.5988, 0.7808,

277.7209, 224.9259

0.0000

353.4819,
332.0166, 273.7621

■ 0.3916, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3859, 51.6191,
32.7674

■ 60.3859, 51.6191,
32.7674

■ 55.2956, 44.1866,
22.5991

■ 66.4633, 60.3231,
45.4317

■ 51.1343, 37.9577,
14.7571

■ 73.5738, 70.3473,
60.7404

■ 47.8432, 32.8694,
9.0549

■ 81.7652, 81.7469,
78.8337

■ 45.3549, 28.8495,
5.2760

■ 91.0812, 94.5719,
99.8410

■ 43.5901, 25.8166, 95.0499, 100.0000,
3.1566 108.9000

■ 42.8147, 24.4095,
2.4549

Harmonies

Analogous

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



64.4142, 51.6191, 47.7387



60.3859, 51.6191, 32.7674



53.4790, 51.6191, 25.4453

Triad

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



60.3859, 51.6191, 32.7674



36.6247, 51.6191, 44.7908



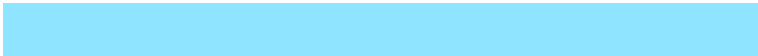
52.2471, 51.6191, 106.5087

Complementary

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



60.3859, 51.6191, 32.7674



57.3957, 69.0953, 104.9192

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.



44.8959, 51.6191, 105.1372



60.3859, 51.6191, 32.7674



36.3669, 51.6191, 65.6161

Square

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



60.3859, 51.6191, 32.7674



39.9952, 51.6191, 31.0821



39.2511, 51.6191, 88.7788



59.4058, 51.6191, 92.1538

Rectangle

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



60.3859, 51.6191, 32.7674



48.4223, 51.6191, 24.3747



39.2511, 51.6191, 88.7788



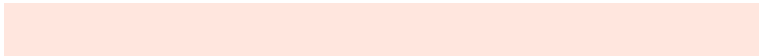
49.7082, 51.6191, 107.9584

Sweetspot

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



60.3872, 51.6216, 32.7684



82.5757, 82.8678, 80.6448



65.4488, 46.6598, 80.9608



17.2623, 17.1665, 16.3412



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.



60.3872, 51.6216, 32.7684



55.7249, 44.8201, 23.4357



72.6570, 76.1613, 36.8583



18.3516, 18.6713, 18.7810



22.4647, 12.9407, 1.3138



2.2662, 1.4177, 0.1542

Inverse Universe

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



57.3957, 69.0953, 104.9192



52.3283, 64.3091, 104.2626



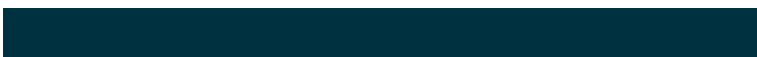
44.6562, 43.6164, 100.6728



18.1763, 19.7242, 23.0991



19.8408, 24.5912, 53.1354



2.0144, 2.5596, 5.2011

Previews

White Background



This preview shows how the XYZ color 60.3859, 51.6191, 32.7674 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 60.3859, 51.6191, 32.7674 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 60.3859, 51.6191, 32.7674

Background



This preview shows how black text looks on a background with the XYZ color 60.3859, 51.6191, 32.7674.



This preview shows how white text looks on a background with the XYZ color 60.3859, 51.6191,

32.7674.

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

60.3859, 51.6191, 32.7674

Protanopia

48.5203, 51.6834, 37.5556

Deuteranopia

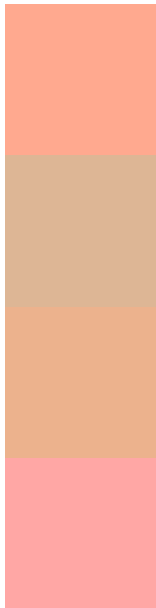
52.7184, 51.7680, 32.0246



Tritanopia

62.8120, 51.7068, 48.2648

Trichromacy



Original Color

60.3859, 51.6191, 32.7674

Protanomaly

51.9716, 50.9980, 35.5382

Deuteranomaly

55.3202, 51.5967, 32.2428

Tritanomaly

61.8502, 51.6140, 42.3000

Monochromacy



Original Color

60.3859, 51.6191, 32.7674

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.8048, 51.7840, 47.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3859, 51.6191, 32.7674 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 143) }
```

Border

The CSS property to change the border of an element to XYZ 60.3859, 51.6191, 32.7674 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, 143) }
```


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

```
.border{ border-color:rgb(255, 169, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3859, 51.6191, 32.7674 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
169, 143) }
```

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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