

Converting Colors

XYZ(60.2357, 51.5590, 31.9764)

Have a look what the booklet for
XYZ(60.2357, 51.5590, 31.9764)
contains.

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Color

**XYZ(60.2357, 51.5590,
31.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA98D
RGB	255, 169, 141
RGB Percent	100%, 66%, 55%
CMY	0.0000, 0.3372, 0.4471
CMYK	0.00, 0.34, 0.45, 0.00
HSL	15°, 100%, 78%
HSV	15°, 45%, 100%
XYZ	60.2357, 51.5590, 31.9764
YIQ	191.5220, 60.2440, 9.5240

Conversions

Conversions Part 2

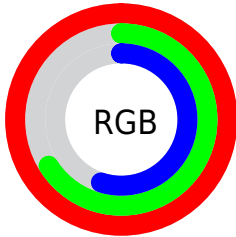
Format	Color
R _Y B	255, 178, 141
Decimal	16755085
CIE Lab	77.02, 28.55, 27.43
CIE LCh	77, 39.592, 43.862
Yxy	51.5590, 0.4190, 0.3586
Android (android.graphics.Color)	4294945165 (0xFFFFA98D)
YUV	191.5220, -24.9073, 55.6702
Hunter-Lab	71.8046, 24.0827, 23.8599

Details

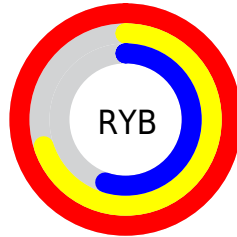
The XYZ color **60.2357, 51.5590, 31.9764** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5023, 67.8180, 104.7198**, and the grayscale version is **49.9414, 52.5422, 57.2185**.

A 20% lighter version of the original color is **78.0155, 79.0506, 62.7762**, and **30.6394, 24.8482, 13.0788** is the 20% darker color. If you saturate the color by 10%, you get **55.2333, 44.2491, 22.0012**, and if you desaturate by 10%, it is **66.2040, 60.1016, 44.4295**.

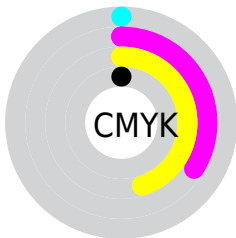
Distribution



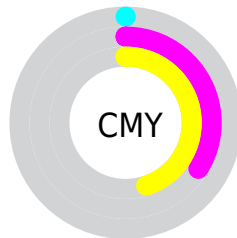
- Red (100%)
- Green (66%)
- Blue (55%)



- Red (100%)
- Yellow (70%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2357, 51.5590, 31.9764 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 60.2357, 51.5590, 31.9764 by changing the saturation by 10% instead.

 60.2357, 51.5590,
31.9764


 60.2357, 51.5590,
31.9764


415.2868,
392.7317, 325.5011


 43.8588, 36.6537,
21.0788


 104.2759, 92.4805,
63.8716

 30.7570, 24.9395,
12.9898


 132.6700,
119.2655, 85.7062

 20.5648, 16.0320,
7.2909


 165.8004,
150.7792, 112.0236

 12.9169, 9.5468,
3.5635

204.0327,
187.4060, 143.2424

 7.4479, 5.0995,
1.3891

247.7321,
229.5302, 179.7809

 3.7926, 2.3058,
0.1332

297.2641,

 1.5855, 0.7768,

277.5363, 222.0579

0.0000

352.9938,
331.8087, 270.4918

■ 0.3829, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2357, 51.5590,
31.9764

■ 60.2357, 51.5590,
31.9764

■ 55.2333, 44.2491,
22.0012

■ 66.2040, 60.1016,
44.4295

■ 51.1395, 38.1063,
14.3331

■ 73.1833, 69.9234,
59.5094

■ 47.8969, 33.0703,
8.7844

■ 81.2204, 81.0774,
77.3568

■ 45.4389, 29.0719,
5.1361

■ 90.3581, 93.6116,
98.1016

■ 43.6872, 26.0330, 95.0500, 100.0000,
3.1202 108.9000

■ 42.9978, 24.7757,
2.5160

Harmonies

Analogous

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



64.4947, 51.5590, 46.7554



60.2357, 51.5590, 31.9764



53.1524, 51.5590, 24.9225

Triad

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



60.2357, 51.5590, 31.9764



36.3407, 51.5590, 45.3571



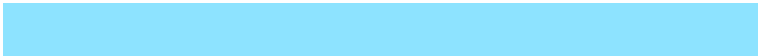
52.5663, 51.5590, 106.9538

Complementary

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



60.2357, 51.5590, 31.9764



56.5023, 67.8180, 104.7198

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.



45.0797, 51.5590, 106.2981



60.2357, 51.5590, 31.9764



36.2186, 51.5590, 66.7008

Square

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



60.2357, 51.5590, 31.9764



39.6183, 51.5590, 31.1804



39.2654, 51.5590, 90.1582



59.7689, 51.5590, 91.7696

Rectangle

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



60.2357, 51.5590, 31.9764



48.0340, 51.5590, 24.0347



39.2654, 51.5590, 90.1582



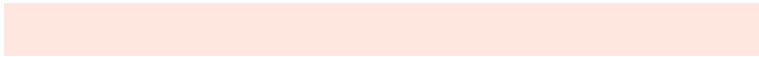
49.9895, 51.5590, 108.6788

Sweetspot

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



60.2370, 51.5615, 31.9774



82.6998, 83.1160, 80.6861



64.8243, 45.9338, 79.1399



17.2927, 17.2271, 16.3513



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.



60.2370, 51.5615, 31.9774



55.5558, 44.7258, 22.6271



72.8651, 76.8177, 36.1867



18.3718, 18.7117, 18.7878



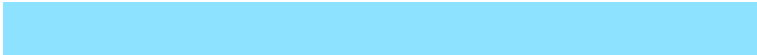
22.5646, 13.1405, 1.3471



2.2784, 1.4422, 0.1583

Inverse Universe

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



56.5023, 67.8180, 104.7198



51.3284, 62.8265, 104.0292



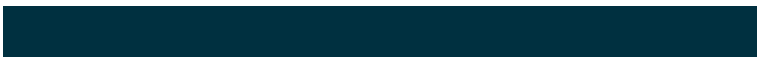
43.6735, 42.1604, 100.4436



18.1547, 19.6810, 23.0919



19.4452, 23.8000, 53.0036



1.9789, 2.4885, 5.1893

Previews

White Background



This preview shows how the XYZ color 60.2357, 51.5590, 31.9764 looks on a white background.

Color Contrast Check

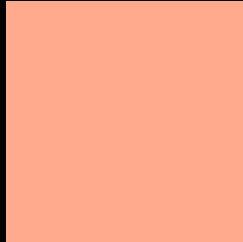
Large Text (above 18pt) WCAG AA × Fail

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 60.2357, 51.5590, 31.9764 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 60.2357, 51.5590, 31.9764

Background



This preview shows how black text looks on a background with the XYZ color 60.2357, 51.5590, 31.9764.



This preview shows how white text looks on a background with the XYZ color 60.2357, 51.5590,

31.9764.

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

60.2357, 51.5590, 31.9764

Protanopia

48.6280, 51.7578, 36.7054

Deuteranopia

52.8850, 51.8707, 31.2695



Tritanopia

62.8120, 51.7068, 48.2648

Trichromacy



Original Color

60.2357, 51.5590, 31.9764

Protanomaly

52.1186, 51.0921, 34.7186

Deuteranomaly

55.5056, 51.7094, 31.4815

Tritanomaly

61.7596, 51.5778, 41.8224

Monochromacy



Original Color

60.2357, 51.5590, 31.9764

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.7076, 51.7452, 46.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2357, 51.5590, 31.9764 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 141) }
```

Border

The CSS property to change the border of an element to XYZ 60.2357, 51.5590, 31.9764 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, 141) }
```


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

```
.border{ border-color:rgb(255, 169, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2357, 51.5590, 31.9764 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
169, 141) }
```

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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