

Converting Colors

XYZ(60.0504, 51.1884, 31.9146)

Have a look what the booklet for
XYZ(60.0504, 51.1884, 31.9146)
contains.

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Color

**XYZ(60.0504, 51.1884,
31.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA88D
RGB	255, 168, 141
RGB Percent	100%, 66%, 55%
CMY	0.0000, 0.3411, 0.4471
CMYK	0.00, 0.34, 0.45, 0.00
HSL	14°, 100%, 78%
HSV	14°, 45%, 100%
XYZ	60.0504, 51.1884, 31.9146
YIQ	190.9350, 60.5190, 10.0470

Conversions

Conversions Part 2

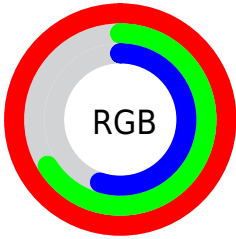
Format	Color
R _Y B	255, 176, 141
Decimal	16754829
CIE Lab	76.79, 29.07, 27.13
CIE LCh	77, 39.765, 43.029
Yxy	51.1884, 0.4195, 0.3576
Android (android.graphics.Color)	4294944909 (0xFFFFA88D)
YUV	190.9350, -24.6180, 56.1850
Hunter-Lab	71.5461, 24.6139, 23.6347

Details

The XYZ color **60.0504, 51.1884, 31.9146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.7765, 68.3665, 104.8113**, and the grayscale version is **49.5985, 52.1814, 56.8256**.

A 20% lighter version of the original color is **77.7460, 78.5114, 62.6863**, and **30.5247, 24.6189, 13.0406** is the 20% darker color. If you saturate the color by 10%, you get **55.0394, 43.8614, 21.9365**, and if you desaturate by 10%, it is **66.0384, 59.7703, 44.3742**.

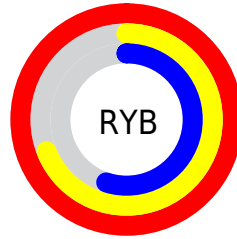
Distribution



Red (100%)

Green (66%)

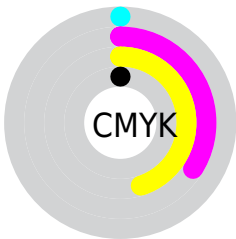
Blue (55%)



Red (100%)

Yellow (69%)

Blue (55%)

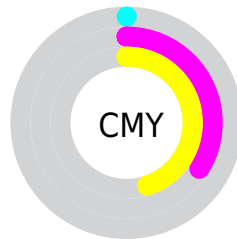


Cyan (0%)

Magenta (34%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0504, 51.1884, 31.9146 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 60.0504, 51.1884, 31.9146 by changing the saturation by 10% instead.


 60.0504, 51.1884,
31.9146


 60.0504, 51.1884,
31.9146


414.6153,
391.2953, 325.2108


 43.7089, 36.3586,
21.0320


 104.0087, 91.9332,
63.7735

 30.6386, 24.7113,
12.9559


 132.3562,
118.6170, 85.5870

 20.4743, 15.8621,
7.2678


 165.4364,
150.0208, 111.8811

 12.8505, 9.4266,
3.5492

203.6146,
186.5291, 143.0744

 7.4020, 5.0205,
1.3814

247.2563,
228.5264, 179.5855

 3.7633, 2.2593,
0.1272

296.7267,

 1.5691, 0.7520,

276.3969, 221.8329

0.0000

352.3913,
330.5251, 270.2351

0.3722, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

60.0504, 51.1884,
31.9146

60.0504, 51.1884,
31.9146

55.0394, 43.8614,
21.9365

66.0384, 59.7703,
44.3742

50.9474, 37.7220,
14.2690

73.0493, 69.6553,
59.4646

47.7157, 32.7079,
8.7240

81.1307, 80.8979,
77.3268

45.2767, 28.7475,
5.0821

90.3261, 93.5476,
98.0908

■ 43.5508, 25.7601, 95.0500, 100.0000,
3.0748 108.9000

■ 42.8773, 24.5346,
2.4758

Harmonies

Analogous

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



64.2042, 51.1884, 46.8813



60.0504, 51.1884, 31.9146



53.0127, 51.1884, 24.6869

Triad

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



60.0504, 51.1884, 31.9146



36.0517, 51.1884, 44.4638



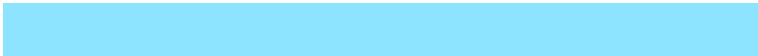
51.9984, 51.1884, 106.8203

Complementary

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



60.0504, 51.1884, 31.9146



56.7765, 68.3665, 104.8113

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.



44.5392, 51.1884, 105.6829



60.0504, 51.1884, 31.9146



35.8406, 51.1884, 65.6397

Square

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



60.0504, 51.1884, 31.9146



39.4076, 51.1884, 30.5411



38.7975, 51.1884, 89.1757



59.2420, 51.1884, 91.9693

Rectangle

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



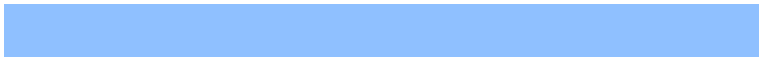
60.0504, 51.1884, 31.9146



47.8902, 51.1884, 23.6830



38.7975, 51.1884, 89.1757



49.4239, 51.1884, 108.3891

Sweetspot

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



60.0517, 51.1909, 31.9156



82.6190, 82.9544, 80.6592



64.8243, 45.9338, 79.1399



17.2729, 17.1876, 16.3447



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.



60.0517, 51.1909, 31.9156



55.3622, 44.3387, 22.5626



72.8650, 76.8177, 36.1867



18.3586, 18.6854, 18.7834



22.4989, 13.0090, 1.3252



2.2704, 1.4262, 0.1556

Inverse Universe

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



56.7765, 68.3665, 104.8113



51.6487, 63.4672, 104.1360



43.6735, 42.1604, 100.4436



18.1687, 19.7091, 23.0966



19.7018, 24.3131, 53.0891



2.0020, 2.5346, 5.1970

Previews

White Background



This preview shows how the XYZ color 60.0504, 51.1884, 31.9146 looks on a white background.

Color Contrast Check

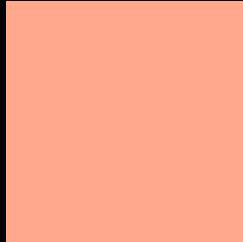
Large Text (above 18pt) WCAG AA × Fail

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 60.0504, 51.1884, 31.9146 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 60.0504, 51.1884, 31.9146

Background



This preview shows how black text looks on a background with the XYZ color 60.0504, 51.1884, 31.9146.



This preview shows how white text looks on a background with the XYZ color 60.0504, 51.1884,

31.9146.

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

60.0504, 51.1884, 31.9146

Protanopia

48.3565, 51.6178, 36.6927

Deuteranopia

52.3667, 51.2984, 31.1863



Tritanopia

62.5316, 51.3049, 47.6813

Trichromacy



Original Color

60.0504, 51.1884, 31.9146

Protanomaly

51.8132, 50.9346, 34.7043

Deuteranomaly

54.9744, 51.1412, 31.3999

Tritanomaly

61.4871, 51.1768, 41.2877

Monochromacy



Original Color

60.0504, 51.1884, 31.9146

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.2079, 51.1802, 46.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0504, 51.1884, 31.9146 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 141) }
```

Border

The CSS property to change the border of an element to XYZ 60.0504, 51.1884, 31.9146 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, 141) }
```


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

```
.border{ border-color:rgb(255, 168, 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, 168, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0504, 51.1884, 31.9146 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, 141) }
```

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

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