

Converting Colors

XYZ(80.0127, 61.1916, 36.7585)

Have a look what the booklet for
XYZ(80.0127, 61.1916, 36.7585)
contains.

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Color

**XYZ(60.6446, 51.1318,
35.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA797
RGB	255, 167, 151
RGB Percent	100%, 65%, 59%
CMY	0.0000, 0.3451, 0.4078
CMYK	0.00, 0.35, 0.41, 0.00
HSL	9°, 100%, 80%
HSV	9°, 41%, 100%
XYZ	60.6446, 51.1318, 35.9513
YIQ	191.4880, 57.5840, 13.6800

Conversions

Conversions Part 2

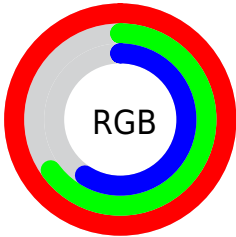
Format	Color
R_{YB}	255, 170, 151
Decimal	16754583
CIE _{Lab}	76.76, 30.63, 21.69
CIE _{LCh}	77, 37.532, 35.313
Yxy	51.1318, 0.4105, 0.3461
Android (android.graphics.Color)	4294944663 (0xFFFFA797)
YUV	191.4880, -19.9606, 55.7000
Hunter-Lab	71.5065, 26.2493, 20.2453

Details

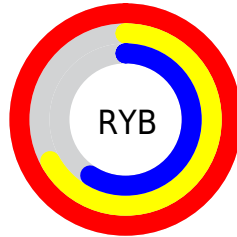
The XYZ color **60.6446, 51.1318, 35.9513** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6776, 75.5291, 105.9353**, and the grayscale version is **49.8948, 52.4933, 57.1652**.

A 20% lighter version of the original color is **78.6471, 78.4431, 68.7535**, and **31.0825, 24.6905, 15.1841** is the 20% darker color. If you saturate the color by 10%, you get **55.1651, 43.1363, 24.9890**, and if you desaturate by 10%, it is **67.2340, 60.6302, 49.4941**.

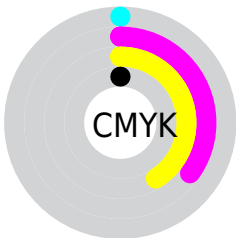
Distribution



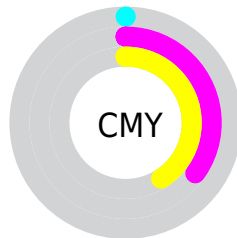
- Red (100%)
- Green (65%)
- Blue (59%)



- Red (100%)
- Yellow (67%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6446, 51.1318, 35.9513 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 60.6446, 51.1318, 35.9513 by changing the saturation by 10% instead.


 60.6446, 51.1318,
35.9513


 60.6446, 51.1318,
35.9513


416.7665,
391.0756, 343.7786

 44.1899, 36.3135,
24.1072

 104.8652, 91.8496,
70.1251

 31.0183, 24.6764,
15.2002

 133.3618,
118.5178, 93.2919

 20.7647, 15.8361,
8.8118


166.6030,
149.9049, 121.0699

 13.0636, 9.4083,
4.5235

204.9543,
186.3951, 153.8778

 7.5497, 5.0084,
1.9167

248.7809,
228.3729, 192.1341

 3.8575, 2.2522,
0.5033

298.4482,

 1.6219, 0.7482,

276.2227, 236.2573

0.0000

354.3216,
330.3288, 286.6659

■ 0.4066, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6446, 51.1318,
35.9513

■ 60.6446, 51.1318,
35.9513

■ 55.1651, 43.1363,
24.9890

■ 67.2340, 60.6302,
49.4941

■ 50.7298, 36.5593,
16.4399

■ 74.9863, 71.6955,
65.7644

■ 47.2719, 31.3191,
10.1212

■ 83.9560, 84.3970,
84.9017

■ 44.7149, 27.3228,
5.8230

■ 94.1926, 98.7976,
107.0350

■ 42.9703, 24.4651, 95.0499, 100.0000,
3.2947 108.9000

■ 41.9735, 22.7271,
2.1745

Harmonies

Analogous

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



63.5401, 51.1318, 52.1228



60.6446, 51.1318, 35.9513



54.5425, 51.1318, 27.1142

Triad

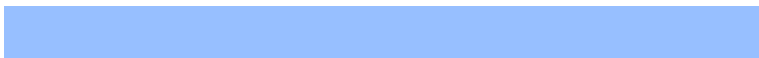
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.6446, 51.1318, 35.9513



37.1944, 51.1318, 40.8552



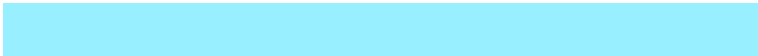
49.8776, 51.1318, 104.5317

Complementary

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



60.6446, 51.1318, 35.9513



61.6776, 75.5291, 105.9353

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.



43.1042, 51.1318, 99.4213



60.6446, 51.1318, 35.9513



36.2059, 51.1318, 59.3827

Square

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



60.6446, 51.1318, 35.9513



41.1096, 51.1318, 29.4234



38.2648, 51.1318, 81.5434



56.9475, 51.1318, 94.1743

Rectangle

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



60.6446, 51.1318, 35.9513



49.7262, 51.1318, 25.0334



38.2648, 51.1318, 81.5434



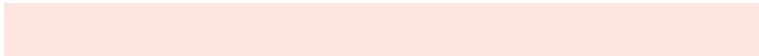
47.4894, 51.1318, 104.5885

Sweetspot

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



60.6459, 51.1343, 35.9523



82.7985, 82.7627, 82.4166



67.9459, 49.6493, 87.9737



17.4606, 17.3449, 17.0798



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.



60.6459, 51.1343, 35.9523



56.0644, 44.4566, 26.7628



72.0533, 73.9491, 39.7548



18.2350, 18.4382, 18.7422



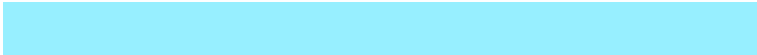
21.9989, 12.0089, 1.1585



2.2046, 1.2946, 0.1337

Inverse Universe

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



61.6776, 75.5291, 105.9353



57.1929, 71.8284, 105.4576



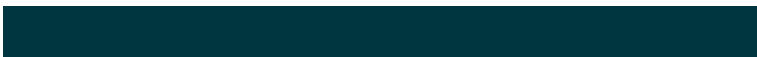
48.6682, 49.5104, 101.5989



18.3027, 19.9771, 23.1412



22.3195, 29.5487, 53.9617



2.2346, 3.0000, 5.2745

Previews

White Background



This preview shows how the XYZ color 60.6446, 51.1318, 35.9513 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 60.6446, 51.1318, 35.9513 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 60.6446, 51.1318, 35.9513

Background



This preview shows how black text looks on a background with the XYZ color 60.6446, 51.1318, 35.9513.



This preview shows how white text looks on a background with the XYZ color 60.6446, 51.1318,

35.9513.

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

60.6446, 51.1318, 35.9513

Protanopia

48.5386, 51.2832, 41.5228

Deuteranopia

52.1974, 51.1236, 35.1337



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

60.6446, 51.1318, 35.9513

Protanomaly

52.2106, 50.7320, 39.3882

Deuteranomaly

55.0786, 51.1066, 35.3954

Tritanomaly

61.6702, 50.9603, 43.1452

Monochromacy



Original Color

60.6446, 51.1318, 35.9513

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.2960, 50.8866, 48.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6446, 51.1318, 35.9513 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, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 151)  
}
```

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, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 151) }
```

Border

The CSS property to change the border of an element to XYZ 60.6446, 51.1318, 35.9513 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, 167, 151) }
```


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

```
.border{ border-color:rgb(255, 167, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6446, 51.1318, 35.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 151) }
```

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

```
.background{ background-color: rgb(255,  
167, 151) }
```

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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