

Converting Colors

XYZ(80.8846, 62.1844, 37.0890)

Have a look what the booklet for
XYZ(80.8846, 62.1844, 37.0890)
contains.

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Color

**XYZ(61.0139, 51.8703,
36.0743)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA997 |
| RGB | 255, 169, 151 |
| RGB Percent | 100%, 66%, 59% |
| CMY | 0.0000, 0.3372, 0.4078 |
| CMYK | 0.00, 0.34, 0.41, 0.00 |
| HSL | 10°, 100%, 80% |
| HSV | 10°, 41%, 100% |
| XYZ | 61.0139, 51.8703, 36.0743 |
| YIQ | 192.6620, 57.0340, 12.6340 |

Conversions

Conversions Part 2

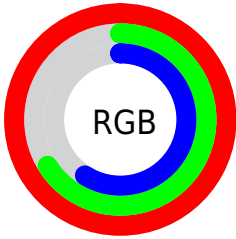
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 173, 151 |
| Decimal | 16755095 |
| CIE Lab | 77.20, 29.58, 22.30 |
| CIE LCh | 77, 37.048, 37.014 |
| Yxy | 51.8703, 0.4096, 0.3482 |
| Android (android.graphics.Color) | 4294945175 (0xFFFFA997) |
| YUV | 192.6620, -20.5394, 54.6704 |
| Hunter-Lab | 72.0210, 25.1826, 20.7172 |

Details

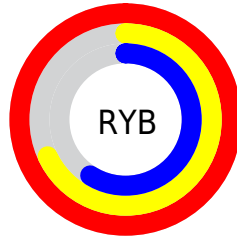
The XYZ color **61.0139, 51.8703, 36.0743** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0953, 74.3646, 105.7415**, and the grayscale version is **50.5846, 53.2190, 57.9554**.

A 20% lighter version of the original color is **79.1847, 79.5182, 68.9327**, and **31.3106, 25.1466, 15.2601** is the 20% darker color. If you saturate the color by 10%, you get **55.5514, 43.9087, 25.1177**, and if you desaturate by 10%, it is **67.5595, 61.2812, 49.6025**.

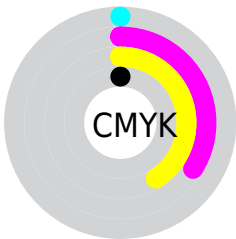
Distribution



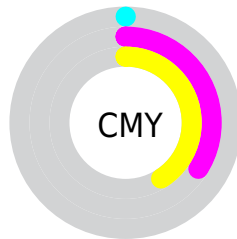
- Red (100%)
- Green (66%)
- Blue (59%)



- Red (100%)
- Yellow (68%)
- Blue (59%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0139, 51.8703, 36.0743 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 61.0139, 51.8703, 36.0743 by changing the saturation by 10% instead.

 61.0139, 51.8703,
36.0743

 61.0139, 51.8703,
36.0743


418.1001,
393.9357, 344.3324

 44.4890, 36.9017,
24.2014


 105.3971, 92.9399,
70.3171

 31.2547, 25.1314,
15.2695


 133.9860,
119.8098, 93.5240

 20.9456, 16.1750,
8.8600


167.3270,
151.4154, 121.3462

 13.1965, 9.6481,
4.5544

205.7854,
188.1414, 154.2019

 7.6419, 5.1662,
1.9342

249.7265,
230.3720, 192.5099

 3.9166, 2.3451,
0.5144

299.5158,

 1.6550, 0.7974,

278.4917, 236.6886

0.0000

355.5185,
332.8848, 287.1566

■ 0.4279, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0139, 51.8703,
36.0743

■ 61.0139, 51.8703,
36.0743

■ 55.5514, 43.9087,
25.1177

■ 67.5595, 61.2812,
49.6025

■ 51.1086, 37.3166,
16.5660

■ 75.2391, 72.2009,
65.8485

■ 47.6214, 32.0181,
10.2376

■ 84.1049, 84.6947,
84.9512

■ 45.0167, 27.9263,
5.9235

■ 94.2048, 98.8220,
107.0390

■ 43.2096, 24.9436, 95.0500, 100.0000,
3.3744 108.9000

■ 42.1462, 23.0724,
2.2321

Harmonies

Analogous

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



64.1157, 51.8703, 51.8406



61.0139, 51.8703, 36.0743



54.8216, 51.8703, 27.6090

Triad

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



61.0139, 51.8703, 36.0743



37.7803, 51.8703, 42.5560



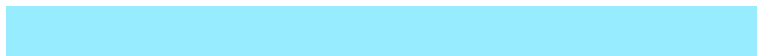
50.9857, 51.8703, 104.7970

Complementary

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



61.0139, 51.8703, 36.0743



61.0953, 74.3646, 105.7415

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.



44.1644, 51.8703, 100.6122



61.0139, 51.8703, 36.0743



36.9648, 51.8703, 61.3839

Square

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



61.0139, 51.8703, 36.0743



41.5373, 51.8703, 30.6764



39.1924, 51.8703, 83.4096



57.9768, 51.8703, 93.7635

Rectangle

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



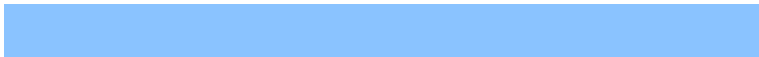
61.0139, 51.8703, 36.0743



50.0150, 51.8703, 25.7602



39.1924, 51.8703, 83.4096



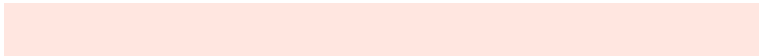
48.5942, 51.8703, 105.1589

Sweetspot

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



61.0152, 51.8728, 36.0753



82.9617, 83.0891, 82.4710



67.6905, 49.5471, 86.6284



17.4987, 17.4211, 17.0925



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.



61.0152, 51.8728, 36.0753



56.4494, 45.2267, 26.8911



72.5069, 74.8562, 39.9059



18.2635, 18.4952, 18.7517



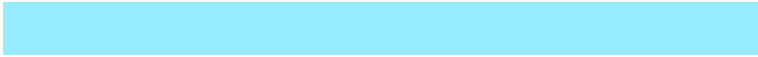
22.0957, 12.2027, 1.1908



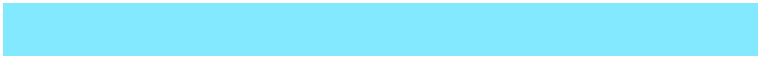
2.2182, 1.3218, 0.1382

Inverse Universe

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



61.0953, 74.3646, 105.7415



56.5066, 70.4557, 105.2288



48.3017, 48.7773, 101.4769



18.2715, 19.9147, 23.1309



21.6820, 28.2736, 53.7492



2.1784, 2.8874, 5.2558

Previews

White Background



This preview shows how the XYZ color 61.0139, 51.8703, 36.0743 looks on a white background.

Color Contrast Check

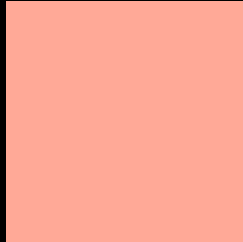
Large Text (above 18pt) WCAG AA × Fail

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 61.0139, 51.8703, 36.0743 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 61.0139, 51.8703, 36.0743

Background



This preview shows how black text looks on a background with the XYZ color 61.0139, 51.8703, 36.0743.



This preview shows how white text looks on a background with the XYZ color 61.0139, 51.8703,

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

61.0139, 51.8703, 36.0743

Protanopia

49.1512, 52.2523, 41.2134

Deuteranopia

53.0193, 51.8524, 35.2311



Tritanopia

62.9121, 51.7468, 48.7918

Trichromacy



Original Color

61.0139, 51.8703, 36.0743

Protanomaly

52.8381, 51.6734, 39.0874

Deuteranomaly

55.6062, 51.6729, 35.4769

Tritanomaly

62.1266, 51.7246, 43.7552

Monochromacy



Original Color

61.0139, 51.8703, 36.0743

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.4953, 52.0943, 49.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0139, 51.8703, 36.0743 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.0139, 51.8703, 36.0743 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, 151) }
```


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

```
.border{ border-color:rgb(255, 169, 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, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 151); box-shadow:4px 4px 4px 4px rgb(255, 169, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0139, 51.8703, 36.0743 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, 151) }
```

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

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