

Converting Colors

XYZ(61.7942, 56.6813, 36.9859)

Have a look what the booklet for
XYZ(61.7942, 56.6813, 36.9859)
contains.

XYZ(61.7933, 56.6551, 36.9568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7933, 56.6551,
36.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B897
RGB	249, 184, 151
RGB Percent	98%, 72%, 59%
CMY	0.0235, 0.2784, 0.4078
CMYK	0.00, 0.26, 0.39, 0.02
HSL	20°, 89%, 78%
HSV	20°, 39%, 98%
XYZ	61.7933, 56.6551, 36.9568
YIQ	199.6730, 49.3330, 3.5170

Conversions

Conversions Part 2

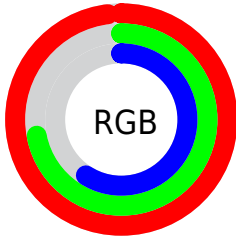
Format	Color
R _Y B	249, 201, 151
Decimal	16365719
CIE Lab	79.99, 19.42, 25.98
CIE LCh	80, 32.437, 53.223
Yxy	56.6551, 0.3976, 0.3646
Android (android.graphics.Color)	4294555799 (0xFFFF9B897)
YUV	199.6730, -23.9958, 43.2598
Hunter-Lab	75.2696, 14.8196, 23.5778

Details

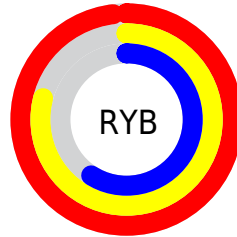
The XYZ color **61.7933, 56.6551, 36.9568** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4162, 62.5281, 98.8235**, and the grayscale version is **54.8215, 57.6764, 62.8097**.

A 20% lighter version of the original color is **83.4195, 87.9880, 70.3443**, and **31.9024, 28.2291, 15.8239** is the 20% darker color. If you saturate the color by 10%, you get **56.7485, 49.4670, 26.3302**, and if you desaturate by 10%, it is **67.6686, 64.8204, 49.9683**.

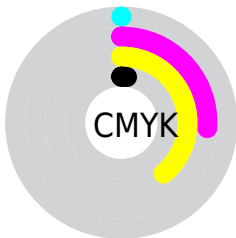
Distribution



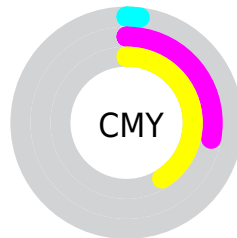
- Red (98%)
- Green (72%)
- Blue (59%)



- Red (98%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7933, 56.6551, 36.9568 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 61.7933, 56.6551, 36.9568 by changing the saturation by 10% instead.


 61.7933, 56.6551,
36.9568


 61.7933, 56.6551,
36.9568


420.9063,
412.1557, 348.2865

 45.1207, 40.7284,
24.8785


 106.5184, 99.9618,
71.6919

 31.7542, 28.1069,
15.7684


 135.3015,
128.1105, 95.1858

 21.3284, 18.4063,
9.2078


168.8522,
161.1021, 123.3221

 13.4781, 11.2421,
4.7783

207.5358,
199.3208, 156.5191

 7.8379, 6.2299,
2.0613

251.7176,
243.1511, 195.1956

 4.0423, 2.9854,
0.5926

301.7631,

 1.7261, 1.1241,

292.9775, 239.7699

0.0000

358.0375,
349.1842, 290.6607

■ 0.4725, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7933, 56.6551,
36.9568

■ 61.7933, 56.6551,
36.9568

■ 56.7485, 49.4670,
26.3302

■ 67.6686, 64.8204,
49.9683

■ 52.4889, 43.2096,
17.9376

■ 74.4078, 73.9908,
65.4959

■ 48.9714, 37.8447,
11.6163

■ 82.0477, 84.2030,
83.6653

■ 46.1460, 33.3276,
7.1793

■ 90.6216, 95.4894,
104.5928

■ 43.9552, 29.6090,
4.4054

■ 92.8769, 98.8797,
108.7983

■ 42.3181, 26.6281,
2.9553

■ 42.2264, 26.4588,
2.8815

Harmonies

Analogous

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



66.3469, 56.6551, 48.4620



61.7933, 56.6551, 36.9568



55.3575, 56.6551, 32.2241

Triad

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



61.7933, 56.6551, 36.9568



42.2258, 56.6551, 57.5056



58.9990, 56.6551, 101.3863

Complementary

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



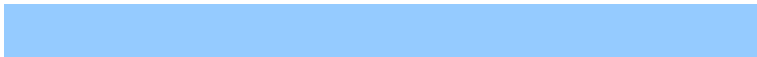
61.7933, 56.6551, 36.9568



54.4162, 62.5281, 98.8235

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.



52.3681, 56.6551, 105.1725



61.7933, 56.6551, 36.9568



43.0282, 56.6551, 77.1243

Square

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



61.7933, 56.6551, 36.9568



44.3281, 56.6551, 42.4198



46.6165, 56.6551, 95.5411



64.6440, 56.6551, 86.0525

Rectangle

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



61.7933, 56.6551, 36.9568



51.0035, 56.6551, 32.6857



46.6165, 56.6551, 95.5411



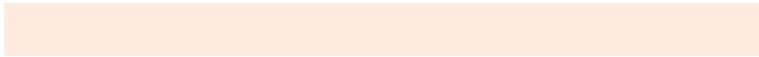
56.7983, 56.6551, 104.1650

Sweetspot

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



61.7947, 56.6578, 36.9579



84.3730, 85.9119, 82.9415



62.5716, 47.2486, 71.0142



17.8290, 18.0816, 17.2026



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.



61.7947, 56.6578, 36.9579



61.0540, 53.8741, 30.1579



73.6976, 80.4634, 40.9255



17.7223, 18.1805, 18.0375



22.7202, 14.3970, 1.5814



2.1979, 1.5206, 0.1777

Inverse Universe

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



54.4162, 62.5281, 98.8235



52.2736, 60.7988, 103.5880



43.7417, 41.1792, 95.2653



17.2446, 18.5661, 22.0600



16.5051, 18.3657, 50.6486



1.6265, 1.8966, 4.7235

Previews

White Background



This preview shows how the XYZ color 61.7933, 56.6551, 36.9568 looks on a white background.

Color Contrast Check

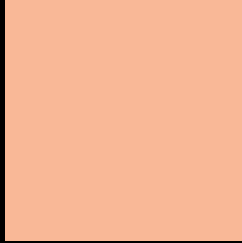
Large Text (above 18pt) WCAG AA × Fail

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 61.7933, 56.6551, 36.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

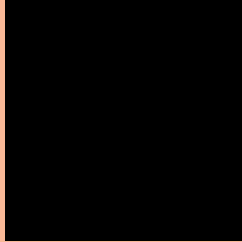
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7933, 56.6551, 36.9568

Background



This preview shows how black text looks on a background with the XYZ color 61.7933, 56.6551, 36.9568.



This preview shows how white text looks on a background with the XYZ color 61.7933, 56.6551,

36.9568.

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

61.7933, 56.6551, 36.9568

Protanopia

53.2296, 56.7057, 40.4875

Deuteranopia

58.0675, 56.9560, 36.7873



Tritanopia

65.9428, 56.5292, 57.3048

Trichromacy



Original Color

61.7933, 56.6551, 36.9568

Protanomaly

56.0377, 56.5140, 38.9651

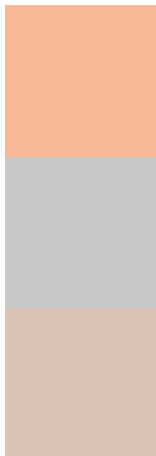
Deuteranomaly

59.0848, 56.5192, 36.6493

Tritanomaly

64.4020, 56.5123, 49.1086

Monochromacy



Original Color

61.7933, 56.6551, 36.9568

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.6487, 56.8664, 52.2466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7933, 56.6551, 36.9568 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(249, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 184, 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(249, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 184, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.7933, 56.6551, 36.9568 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(249, 184, 151) }
```


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

```
.border{ border-color:rgb(249, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 184,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7933, 56.6551, 36.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 184, 151) }
```

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

```
.background{ background-color: rgb(249,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor