

Converting Colors

XYZ(57.8523, 51.4022, 37.0528)

Have a look what the booklet for
XYZ(57.8523, 51.4022, 37.0528)
contains.

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Color

**XYZ(57.6555, 51.2417,
36.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AD99
RGB	243, 173, 153
RGB Percent	95%, 68%, 60%
CMY	0.0471, 0.3215, 0.4000
CMYK	0.00, 0.29, 0.37, 0.05
HSL	13°, 79%, 78%
HSV	13°, 37%, 95%
XYZ	57.6555, 51.2417, 36.9889
YIQ	191.6500, 48.1400, 8.6200

Conversions

Conversions Part 2

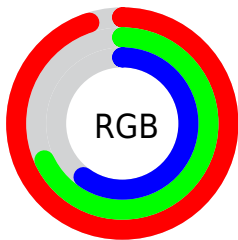
Format	Color
R _Y B	243, 179, 153
Decimal	15969689
CIE Lab	76.83, 23.15, 20.49
CIE LCh	77, 30.916, 41.517
Yxy	51.2417, 0.3952, 0.3512
Android (android.graphics.Color)	4294159769 (0xFFFF3AD99)
YUV	191.6500, -19.0544, 45.0340
Hunter-Lab	71.5833, 18.4989, 19.4717

Details

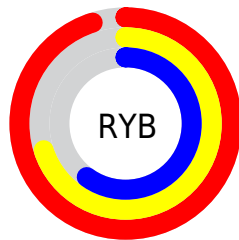
The XYZ color **57.6555, 51.2417, 36.9889** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.7013, 66.0164, 94.6008**, and the grayscale version is **49.9879, 52.5911, 57.2717**.

A 20% lighter version of the original color is **80.5218, 81.8036, 70.5772**, and **29.1223, 24.7065, 15.8043** is the 20% darker color. If you saturate the color by 10%, you get **52.4782, 43.7785, 26.3492**, and if you desaturate by 10%, it is **63.7568, 59.8986, 49.9539**.

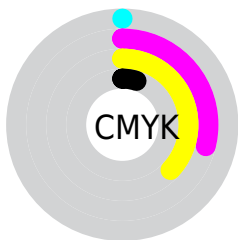
Distribution



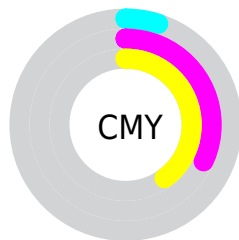
- Red (95%)
- Green (68%)
- Blue (60%)



- Red (95%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6555, 51.2417, 36.9889 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 57.6555, 51.2417, 36.9889 by changing the saturation by 10% instead.


 57.6555, 51.2417,
36.9889

 57.6555, 51.2417,
36.9889


405.8756,
391.5021, 348.4297

 41.7739, 36.4010,
24.9032


 100.5469, 92.0119,
71.7418

 29.1147, 24.7441,
15.7866


 128.2874,
118.7103, 95.2462

 19.3123, 15.8865,
9.2205


160.7116,
150.1299, 123.3937

 12.0015, 9.4439,
4.7865

198.1849,
186.6553, 156.6031

 6.8169, 5.0318,
2.0660

241.0726,
228.6709, 195.2929

 3.3932, 2.2659,
0.5954

289.7400,

 1.3649, 0.7556,

276.5609, 239.8815

0.0000

344.5526,
330.7099, 290.7876

■ 0.2310, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6555, 51.2417,
36.9889

■ 57.6555, 51.2417,
36.9889

■ 52.4782, 43.7785,
26.3492

■ 63.7568, 59.8986,
49.9539

■ 48.1745, 37.4486,
17.8931

■ 70.8212, 69.7911,
65.3684

■ 44.6951, 32.1978,
11.4682

■ 78.8901, 80.9683,
83.3512

■ 41.9840, 27.9639,
6.9008

■ 88.0016, 93.4743,
104.0124

■ 39.9771, 24.6782,
3.9876

■ 90.7722, 97.7947,
108.6998

■ 38.5973, 22.2619,
2.4695

■ 38.2820, 21.6943,
2.1697

Harmonies

Analogous

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



60.6248, 51.2417, 49.5838



57.6555, 51.2417, 36.9889



52.3712, 51.2417, 30.4033

Triad

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



57.6555, 51.2417, 36.9889



38.7618, 51.2417, 46.1581



50.9927, 51.2417, 93.8506

Complementary

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



57.6555, 51.2417, 36.9889



55.7013, 66.0164, 94.6008

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.



45.2115, 51.2417, 92.4198



57.6555, 51.2417, 36.9889



38.4577, 51.2417, 62.5012

Square

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



57.6555, 51.2417, 36.9889



41.5971, 51.2417, 34.9167



40.7300, 51.2417, 80.0864



56.5768, 51.2417, 83.6736

Rectangle

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



57.6555, 51.2417, 36.9889



48.4054, 51.2417, 29.3115



40.7300, 51.2417, 80.0864



49.0032, 51.2417, 94.7583

Sweetspot

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



57.6568, 51.2442, 36.9899



84.2895, 85.1859, 84.6368



61.7405, 47.1924, 76.0212



17.7784, 17.8691, 17.5293



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.



57.6568, 51.2442, 36.9899



60.1374, 51.1463, 32.6099



67.6541, 71.2388, 40.3224



16.7978, 17.0798, 17.2089



21.0922, 12.0700, 1.2181



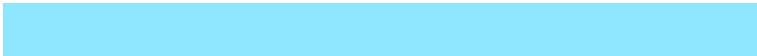
1.9273, 1.2079, 0.1316

Inverse Universe

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



55.7013, 66.0164, 94.6008



57.6567, 69.6691, 105.0164



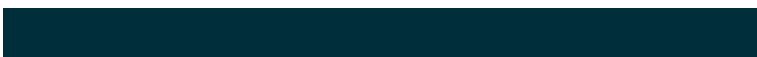
45.3351, 45.2841, 91.1454



16.6660, 18.0963, 21.1571



18.9696, 23.7331, 50.1192



1.7423, 2.2361, 4.4300

Previews

White Background



This preview shows how the XYZ color 57.6555, 51.2417, 36.9889 looks on a white background.

Color Contrast Check

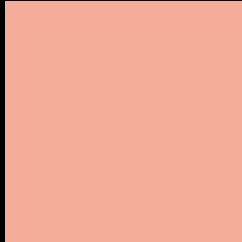
Large Text (above 18pt) WCAG AA × Fail

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 57.6555, 51.2417, 36.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

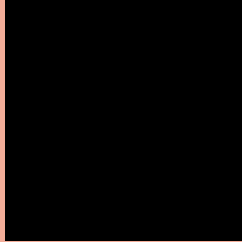
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6555, 51.2417, 36.9889

Background



This preview shows how black text looks on a background with the XYZ color 57.6555, 51.2417, 36.9889.



This preview shows how white text looks on a background with the XYZ color 57.6555, 51.2417,

36.9889.

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

57.6555, 51.2417, 36.9889

Protanopia

48.6659, 51.6795, 41.1284

Deuteranopia

52.4381, 51.2199, 36.4008



Tritanopia

60.6375, 51.3462, 50.9708

Trichromacy



Original Color

57.6555, 51.2417, 36.9889

Protanomaly

51.6309, 51.3485, 39.5378

Deuteranomaly

54.4207, 51.3302, 36.7452

Tritanomaly

59.3816, 51.1022, 45.2620

Monochromacy



Original Color

57.6555, 51.2417, 36.9889

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.2488, 51.7612, 49.3566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6555, 51.2417, 36.9889 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(243, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 173, 153)  
}
```

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(243, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.6555, 51.2417, 36.9889 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(243, 173, 153) }
```


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

```
.border{ border-color:rgb(243, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6555, 51.2417, 36.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 173, 153) }
```

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

```
.background{ background-color: rgb(243,  
173, 153) }
```

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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