

Converting Colors

XYZ(57.3332, 50.2629, 32.7239)

Have a look what the booklet for
XYZ(57.3332, 50.2629, 32.7239)
contains.

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Color

**XYZ(57.3387, 50.3255,
32.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AA8F
RGB	246, 170, 143
RGB Percent	96%, 67%, 56%
CMY	0.0353, 0.3333, 0.4392
CMYK	0.00, 0.31, 0.42, 0.04
HSL	16°, 85%, 76%
HSV	16°, 42%, 96%
XYZ	57.3387, 50.3255, 32.6783
YIQ	189.6460, 53.9630, 7.7150

Conversions

Conversions Part 2

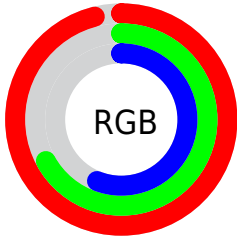
Format	Color
R _Y B	246, 180, 143
Decimal	16165519
CIE Lab	76.27, 24.77, 25.18
CIE LCh	76, 35.321, 45.468
Yxy	50.3255, 0.4086, 0.3586
Android (android.graphics.Color)	4294355599 (0xFFFF6AA8F)
YUV	189.6460, -22.9965, 49.4225
Hunter-Lab	70.9405, 20.1295, 22.3467

Details

The XYZ color **57.3387, 50.3255, 32.6783** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.2926, 63.1538, 96.5697**, and the grayscale version is **48.8474, 51.3913, 55.9651**.

A 20% lighter version of the original color is **78.5144, 79.6839, 64.0657**, and **28.7866, 24.0601, 13.2521** is the 20% darker color. If you saturate the color by 10%, you get **52.5049, 43.3203, 22.8592**, and if you desaturate by 10%, it is **63.0535, 58.4386, 44.8079**.

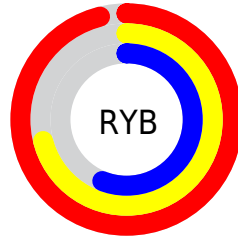
Distribution



Red (96%)

Green (67%)

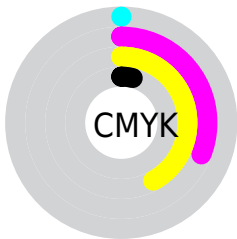
Blue (56%)



Red (96%)

Yellow (71%)

Blue (56%)

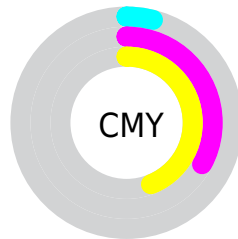


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3387, 50.3255, 32.6783 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 57.3387, 50.3255, 32.6783 by changing the saturation by 10% instead.


 57.3387, 50.3255,
32.6783

 57.3387, 50.3255,
32.6783


404.7109,
387.9375, 328.7851

 41.5184, 35.6721,
21.6110

 100.0877, 90.6570,
64.9832

 28.9139, 24.1811,
13.3758


 127.7472,
117.1038, 87.0578

 19.1596, 15.4680,
7.5541

160.0838,
148.2506, 113.6387

 11.8904, 9.1485,
3.7273

197.4629,
184.4817, 145.1443

 6.7407, 4.8382,
1.4770

240.2498,
226.1816, 181.9932

 3.3454, 2.1526,
0.2007

288.8098,

 1.3389, 0.6940,

273.7346, 224.6040

0.0000

343.5084,
327.5251, 273.3951

■ 0.2121, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3387, 50.3255,
32.6783

■ 57.3387, 50.3255,
32.6783

■ 52.5049, 43.3203,
22.8592

■ 63.0535, 58.4386,
44.8079

■ 48.5020, 37.3665,
15.1991

■ 69.6880, 67.6980,
59.3803

■ 45.2808, 32.4137,
9.5330

■ 77.2832, 78.1495,
76.5214

■ 42.7843, 28.4039,
5.6701

■ 85.8763, 89.8339,
96.3473

■ 40.9467, 25.2723,
3.3818

■ 91.8160, 98.3328,
108.7487

■ 39.8676, 23.3161,
2.3992

Harmonies

Analogous

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



61.1968, 50.3255, 45.6267



57.3387, 50.3255, 32.6783



51.1024, 50.3255, 26.5145

Triad

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



57.3387, 50.3255, 32.6783



36.5265, 50.3255, 46.1385



51.3130, 50.3255, 98.0366

Complementary

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



57.3387, 50.3255, 32.6783



53.2926, 63.1538, 96.5697

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.



44.7059, 50.3255, 98.2643



57.3387, 50.3255, 32.6783



36.5716, 50.3255, 65.1180

Square

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



57.3387, 50.3255, 32.6783



39.3110, 50.3255, 32.9780



39.4404, 50.3255, 85.1496



57.5051, 50.3255, 84.5850

Rectangle

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



57.3387, 50.3255, 32.6783



46.6287, 50.3255, 25.9019



39.4404, 50.3255, 85.1496



49.0576, 50.3255, 99.7500

Sweetspot

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



57.3400, 50.3279, 32.6793



82.8525, 83.4214, 80.7370



60.7801, 44.4187, 73.2542



17.3300, 17.3018, 16.3637



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.



57.3400, 50.3279, 32.6793



57.8360, 48.2704, 26.5188



68.6229, 72.8939, 36.4403



16.8524, 17.1889, 17.2271



21.3764, 12.6384, 1.3128



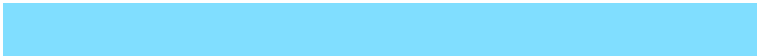
1.9592, 1.2716, 0.1422

Inverse Universe

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



53.2926, 63.1538, 96.5697



52.8844, 63.7853, 104.1322



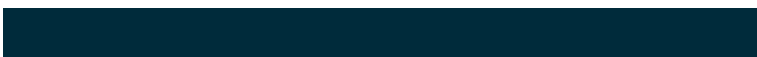
42.1042, 40.7770, 92.8402



16.6076, 17.9795, 21.1376



17.8734, 21.5406, 49.7538



1.6542, 2.0598, 4.4006

Previews

White Background



This preview shows how the XYZ color 57.3387, 50.3255, 32.6783 looks on a white background.

Color Contrast Check

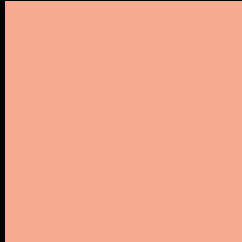
Large Text (above 18pt) WCAG AA × Fail

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 57.3387, 50.3255, 32.6783 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 57.3387, 50.3255, 32.6783

Background



This preview shows how black text looks on a background with the XYZ color 57.3387, 50.3255, 32.6783.



This preview shows how white text looks on a background with the XYZ color 57.3387, 50.3255,

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

57.3387, 50.3255, 32.6783

Protanopia

47.3886, 50.4802, 36.5242

Deuteranopia

51.4558, 50.5004, 32.2348



Tritanopia

60.5579, 50.2644, 48.6297

Trichromacy



Original Color

57.3387, 50.3255, 32.6783

Protanomaly

50.4844, 49.9376, 34.9951

Deuteranomaly

53.5596, 50.3862, 32.4938

Tritanomaly

59.3216, 50.3105, 42.1816

Monochromacy



Original Color

57.3387, 50.3255, 32.6783

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.0547, 50.5857, 46.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3387, 50.3255, 32.6783 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(246, 170, 143)` looks like.

```
.text, #text, p{  
    color:rgb(246, 170, 143)  
}
```

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(246, 170, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 170, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.3387, 50.3255, 32.6783 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(246, 170, 143) }
```


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

```
.border{ border-color:rgb(246, 170, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 170, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 170, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 170, 143);  
box-shadow:4px 4px 4px 4px rgb(246, 170,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3387, 50.3255, 32.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 170, 143) }
```

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

```
.background{ background-color: rgb(246,  
170, 143) }
```

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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