

Converting Colors

XYZ(58.0865, 50.2897, 36.7831)

Have a look what the booklet for
XYZ(58.0865, 50.2897, 36.7831)
contains.

XYZ(58.2955, 50.4500, 36.8023)	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(58.2955, 50.4500,
36.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A999
RGB	247, 169, 153
RGB Percent	97%, 66%, 60%
CMY	0.0314, 0.3372, 0.4000
CMYK	0.00, 0.32, 0.38, 0.03
HSL	10°, 85%, 78%
HSV	10°, 38%, 97%
XYZ	58.2955, 50.4500, 36.8023
YIQ	190.4980, 51.6240, 11.5600

Conversions

Conversions Part 2

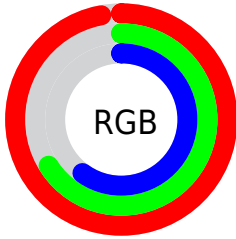
Format	Color
R_{YB}	247, 172, 153
Decimal	16230809
CIE _{Lab}	76.34, 26.78, 19.90
CIE _{LCh}	76, 33.364, 36.614
Yxy	50.4500, 0.4005, 0.3466
Android (android.graphics.Color)	4294420889 (0xFFFF7A999)
YUV	190.4980, -18.4865, 49.5523
Hunter-Lab	71.0282, 22.2024, 18.9994

Details

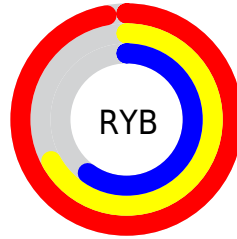
The XYZ color **58.2955, 50.4500, 36.8023** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5001, 70.6367, 98.5466**, and the grayscale version is **49.3145, 51.8827, 56.5002**.

A 20% lighter version of the original color is **79.4277, 79.6154, 70.2125**, and **29.3827, 24.1415, 15.6815** is the 20% darker color. If you saturate the color by 10%, you get **52.9443, 42.6814, 25.9741**, and if you desaturate by 10%, it is **64.6692, 59.5875, 50.0555**.

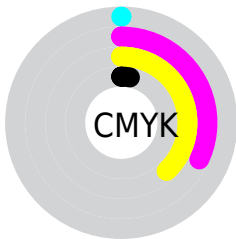
Distribution



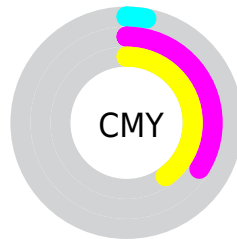
- Red (97%)
- Green (66%)
- Blue (60%)



- Red (97%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2955, 50.4500, 36.8023 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 58.2955, 50.4500, 36.8023 by changing the saturation by 10% instead.


 58.2955, 50.4500,
36.8023


 58.2955, 50.4500,
36.8023


408.2223,
388.4231, 347.5967

 42.2904, 35.7711,
24.7599


 101.4735, 90.8413,
71.4515

 29.5209, 24.2575,
15.6809


 129.3772,
117.3224, 94.8954

 19.6215, 15.5247,
9.1467


161.9779,
148.5064, 122.9769

 12.2269, 9.1885,
4.7389

199.6408,
184.7776, 156.1145

 6.9717, 4.8643,
2.0388

242.7313,
226.5205, 194.7267

 3.4906, 2.1679,
0.5790

291.6148,

 1.4182, 0.7024,

274.1195, 239.2321

0.0000

346.6567,
327.9589, 290.0493

■ 0.2691, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2955, 50.4500,
36.8023

■ 58.2955, 50.4500,
36.8023

■ 52.9443, 42.6814,
25.9741

■ 64.6692, 59.5875,
50.0555

■ 48.5577, 36.2085,
17.4205

■ 72.1114, 70.1482,
65.8659

■ 45.0779, 30.9621,
10.9787

■ 80.6701, 82.1922,
84.3593

■ 42.4389, 26.8635,
6.4633

■ 90.3891, 95.7741,
105.6527

■ 40.5654, 23.8246,
3.6557

■ 92.1677, 98.5141,
108.7651

■ 39.3626, 21.7418,
2.2598

■ 39.1877, 21.4341,
2.0718

Harmonies

Analogous

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



60.9538, 50.4500, 51.0493



58.2955, 50.4500, 36.8023



52.8983, 50.4500, 28.9410

Triad

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



58.2955, 50.4500, 36.8023



37.7135, 50.4500, 42.3330



49.3535, 50.4500, 96.8703

Complementary

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



58.2955, 50.4500, 36.8023



58.5001, 70.6367, 98.5466

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.



43.3226, 50.4500, 93.1146



58.2955, 50.4500, 36.8023



36.9432, 50.4500, 59.0057

Square

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



58.2955, 50.4500, 36.8023



41.1132, 50.4500, 31.6138



38.9093, 50.4500, 78.2088



55.5083, 50.4500, 87.5737

Rectangle

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



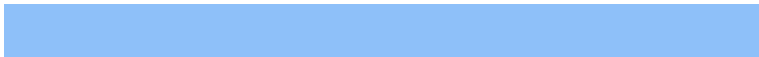
58.2955, 50.4500, 36.8023



48.6669, 50.4500, 27.1673



38.9093, 50.4500, 78.2088



47.2425, 50.4500, 97.1179

Sweetspot

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



58.2968, 50.4524, 36.8033



83.8778, 84.3624, 84.4996



64.2202, 48.3454, 81.7953



17.6810, 17.6742, 17.4969



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.



58.2968, 50.4524, 36.8033



57.9768, 47.4285, 30.0299



68.5783, 71.0154, 40.2305



16.7271, 16.9384, 17.1854



20.7945, 11.4746, 1.1188



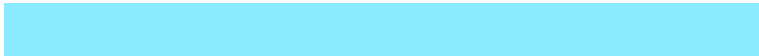
1.8913, 1.1359, 0.1196

Inverse Universe

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



58.5001, 70.6367, 98.5466



58.1978, 72.0300, 105.4436



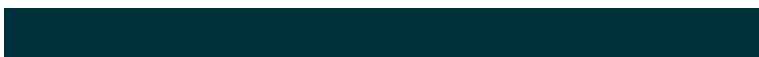
47.1356, 47.9078, 94.7585



16.7426, 18.2494, 21.1826



20.5096, 26.8130, 50.6325



1.8647, 2.4807, 4.4708

Previews

White Background



This preview shows how the XYZ color 58.2955, 50.4500, 36.8023 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 58.2955, 50.4500, 36.8023 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 58.2955, 50.4500, 36.8023

Background



This preview shows how black text looks on a background with the XYZ color 58.2955, 50.4500, 36.8023.



This preview shows how white text looks on a background with the XYZ color 58.2955, 50.4500,

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

58.2955, 50.4500, 36.8023

Protanopia

47.7935, 50.5808, 41.4265

Deuteranopia

51.6250, 50.4978, 36.3043



Tritanopia

60.5579, 50.2644, 48.6297

Trichromacy



Original Color

58.2955, 50.4500, 36.8023

Protanomaly

51.1008, 50.1499, 39.7875

Deuteranomaly

54.0228, 50.5343, 36.6125

Tritanomaly

59.5090, 50.0935, 44.0687

Monochromacy



Original Color

58.2955, 50.4500, 36.8023

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.7333, 50.8902, 48.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2955, 50.4500, 36.8023 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(247, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(247, 169, 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(247, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 169, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.2955, 50.4500, 36.8023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

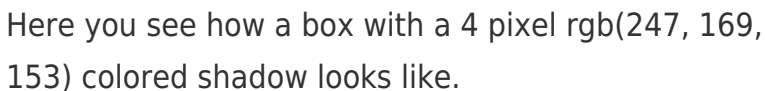
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 169, 153) }
```


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

```
.border{ border-color:rgb(247, 169, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(247, 169,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2955, 50.4500, 36.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 169, 153) }
```

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

```
.background{ background-color: rgb(247,  
169, 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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