

Converting Colors

XYZ(63.2897, 59.4350, 46.6644)

Have a look what the booklet for
XYZ(63.2897, 59.4350, 46.6644)
contains.

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Color

**XYZ(63.2897, 59.4350,
46.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BFAB
RGB	244, 191, 171
RGB Percent	96%, 75%, 67%
CMY	0.0431, 0.2510, 0.3294
CMYK	0.00, 0.22, 0.30, 0.04
HSL	16°, 77%, 81%
HSV	16°, 30%, 96%
XYZ	63.2897, 59.4350, 46.6644
YIQ	204.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

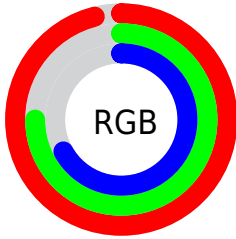
Format	Color
R _Y B	244, 199, 171
Decimal	16039851
CIE Lab	81.53, 16.23, 17.37
CIE LCh	82, 23.769, 46.937
Yxy	59.4350, 0.3736, 0.3509
Android (android.graphics.Color)	4294229931 (0xFFFF4BFAB)
YUV	204.5670, -16.5485, 34.5827
Hunter-Lab	77.0941, 11.6233, 18.0781

Details

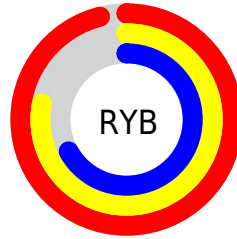
The XYZ color **63.2897, 59.4350, 46.6644** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7785, 68.4986, 95.6590**, and the grayscale version is **57.8395, 60.8516, 66.2674**.

A 20% lighter version of the original color is **88.2282, 93.2725, 85.3048**, and **32.7690, 29.7880, 21.4753** is the 20% darker color. If you saturate the color by 10%, you get **57.5433, 51.3268, 34.3143**, and if you desaturate by 10%, it is **69.9358, 68.6549, 61.4338**.

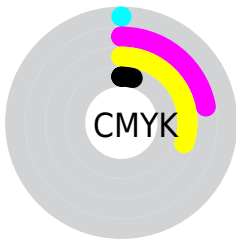
Distribution



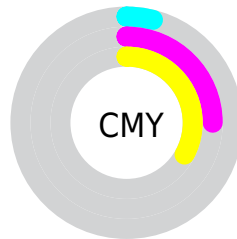
- Red (96%)
- Green (75%)
- Blue (67%)



- Red (96%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2897, 59.4350, 46.6644 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 63.2897, 59.4350, 46.6644 by changing the saturation by 10% instead.


 63.2897, 59.4350,
46.6644

 63.2897, 59.4350,
46.6644


426.2631,
422.5121, 389.8283

 46.3351, 42.9634,
32.4180


 108.6668,
104.0096, 86.5572

 32.7161, 29.8564,
21.4135


137.8201,
132.8814, 113.0406

 22.0672, 19.7296,
13.2324


171.7703,
166.6554, 144.4402

 14.0232, 12.1987,
7.4562

210.8828,
205.7160, 181.1744

 8.2186, 6.8791,
3.6663

255.5230,
250.4476, 223.6617

 4.2881, 3.3866,
1.4441

306.0562,

 1.8664, 1.3368,

301.2345, 272.3208

0.1758

362.8478,
358.4612, 327.5701

■ 0.5572, 0.1694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2897, 59.4350,
46.6644

■ 63.2897, 59.4350,
46.6644

■ 57.5433, 51.3268,
34.3143

■ 69.9358, 68.6549,
61.4338

■ 52.6517, 44.2793,
24.2496

■ 77.5145, 79.0184,
78.7390

■ 48.5728, 38.2498,
16.3290

■ 86.0628, 90.5665,
98.6935

■ 45.2591, 33.1892,
10.3941

■ 91.1183, 97.9731,
108.7160

■ 42.6574, 29.0442,
6.2637

■ 40.7065, 25.7556,
3.7232

■ 39.3173, 23.2494,
2.4211

■ 39.3075, 23.2316,
2.4124

Harmonies

Analogous

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



66.1624, 59.4350, 57.0448



63.2897, 59.4350, 46.6644



58.6848, 59.4350, 41.4943

Triad

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



63.2897, 59.4350, 46.6644



47.6617, 59.4350, 58.7080



59.3289, 59.4350, 94.6765

Complementary

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



63.2897, 59.4350, 46.6644



59.7785, 68.4986, 95.6590

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.



54.3530, 59.4350, 95.2966



63.2897, 59.4350, 46.6644



47.8116, 59.4350, 73.0428

Square

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



63.2897, 59.4350, 46.6644



49.7757, 59.4350, 47.7272



50.1978, 59.4350, 86.9059



63.7851, 59.4350, 85.3190

Rectangle

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



63.2897, 59.4350, 46.6644



55.3418, 59.4350, 41.1168



50.1978, 59.4350, 86.9059



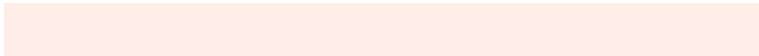
57.6564, 59.4350, 95.9573

Sweetspot

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



63.2913, 59.4378, 46.6656



86.4860, 88.4359, 88.8927



65.3985, 53.7703, 77.8330



18.2330, 18.5504, 18.3830



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.



63.2913, 59.4378, 46.6656



65.9284, 60.0308, 42.8566



72.1192, 77.0936, 49.6083



16.8687, 17.2215, 17.2326



21.4706, 12.8267, 1.3442



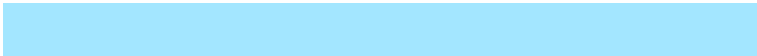
1.9693, 1.2919, 0.1456

Inverse Universe

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



59.7785, 68.4986, 95.6590



61.4483, 71.5338, 105.1765



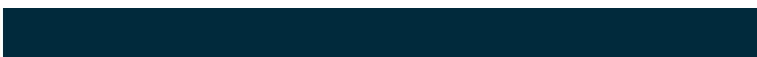
51.1146, 51.1709, 92.7710



16.5903, 17.9449, 21.1319



17.5620, 20.9177, 49.6499



1.6290, 2.0093, 4.3922

Previews

White Background



This preview shows how the XYZ color 63.2897, 59.4350, 46.6644 looks on a white background.

Color Contrast Check

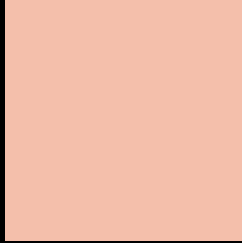
Large Text (above 18pt) WCAG AA × Fail

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 63.2897, 59.4350, 46.6644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

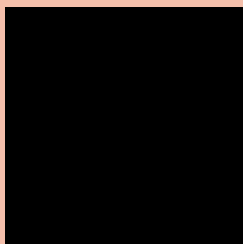
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2897, 59.4350, 46.6644

Background



This preview shows how black text looks on a background with the XYZ color 63.2897, 59.4350, 46.6644.



This preview shows how white text looks on a background with the XYZ color 63.2897, 59.4350,

46.6644.

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

63.2897, 59.4350, 46.6644

Protanopia

56.4969, 59.5615, 50.1138

Deuteranopia

60.7025, 59.4249, 46.3010



Tritanopia

66.6707, 59.5319, 63.2352

Trichromacy



Original Color

63.2897, 59.4350, 46.6644

Protanomaly

58.6724, 59.3306, 48.9170

Deuteranomaly

61.8074, 59.6630, 46.2887

Tritanomaly

65.2835, 59.2770, 56.7160

Monochromacy



Original Color

63.2897, 59.4350, 46.6644

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4933, 60.2189, 58.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2897, 59.4350, 46.6644 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(244, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(244, 191, 171)  
}
```

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(244, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 191, 171) }
```

Border

The CSS property to change the border of an element to XYZ 63.2897, 59.4350, 46.6644 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(244, 191, 171) }
```


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

```
.border{ border-color:rgb(244, 191, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 191,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2897, 59.4350, 46.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 191, 171) }
```

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

```
.background{ background-color: rgb(244,  
191, 171) }
```

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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