

Converting Colors

XYZ(63.5901, 59.5677, 46.8544)

Have a look what the booklet for
XYZ(63.5901, 59.5677, 46.8544)
contains.

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Color

**XYZ(63.6377, 59.6144,
46.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BFAB
RGB	245, 191, 171
RGB Percent	96%, 75%, 67%
CMY	0.0392, 0.2510, 0.3294
CMYK	0.00, 0.22, 0.30, 0.04
HSL	16°, 79%, 82%
HSV	16°, 30%, 96%
XYZ	63.6377, 59.6144, 46.6807
YIQ	204.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

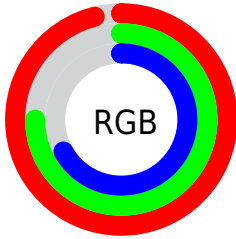
Format	Color
R_{YB}	245, 198, 171
Decimal	16105387
CIE _{Lab}	81.63, 16.61, 17.52
CIE _{LCh}	82, 24.137, 46.530
Yxy	59.6144, 0.3745, 0.3508
Android (android.graphics.Color)	4294295467 (0xFFFF5BFAB)
YUV	204.8660, -16.6959, 35.1975
Hunter-Lab	77.2104, 12.0037, 18.2010

Details

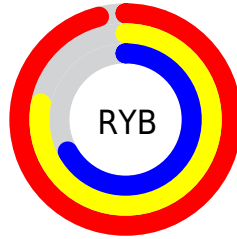
The XYZ color **63.6377, 59.6144, 46.6807** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2003, 69.0986, 96.5509**, and the grayscale version is **58.0301, 61.0522, 66.4858**.

A 20% lighter version of the original color is **88.2282, 93.2725, 85.3048**, and **33.0145, 29.9146, 21.4868** is the 20% darker color. If you saturate the color by 10%, you get **57.8521, 51.4403, 34.2789**, and if you desaturate by 10%, it is **70.3352, 68.9189, 61.5231**.

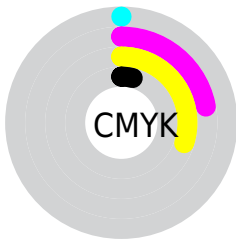
Distribution



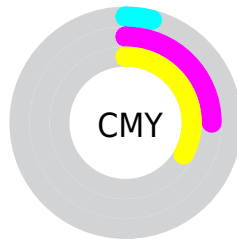
- Red (96%)
- Green (75%)
- Blue (67%)



- 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 63.6377, 59.6144, 46.6807 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 63.6377, 59.6144, 46.6807 by changing the saturation by 10% instead.


 63.6377, 59.6144,
46.6807

 63.6377, 59.6144,
46.6807


427.5031,
423.1750, 389.8954

 46.6179, 43.1079,
32.4308


 109.1657,
104.2701, 86.5818

 32.9404, 29.9698,
21.4232


138.4045,
133.1881, 113.0700

 22.2398, 19.8157,
13.2394


172.4471,
167.0121, 144.4748

 14.1508, 12.2611,
7.4610

211.6587,
206.1264, 181.2146

 8.3080, 6.9218,
3.6692

256.4048,
250.9154, 223.7081

 4.3461, 3.4132,
1.4457

307.0506,

 1.8998, 1.3511,

301.7636, 272.3736

0.1770

363.9616,
359.0553, 327.6299

■ 0.5767, 0.1802,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6377, 59.6144,
46.6807

■ 63.6377, 59.6144,
46.6807

■ 57.8521, 51.4403,
34.2789

■ 70.3352, 68.9189,
61.5231

■ 52.9327, 44.3446,
24.1823

■ 77.9781, 79.3867,
78.9245

■ 48.8366, 38.2834,
16.2477

■ 86.6042, 91.0597,
98.9995

■ 45.5153, 33.2064,
10.3141

■ 91.4663, 98.1525,
108.7323

■ 42.9146, 29.0588,
6.1979

■ 40.9718, 25.7798,
3.6808

■ 39.6181, 23.3363,
2.4162

Harmonies

Analogous

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



66.5322, 59.6144, 57.2850



63.6377, 59.6144, 46.6807



58.9633, 59.6144, 41.3654

Triad

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



63.6377, 59.6144, 46.6807



47.6989, 59.6144, 58.6203



59.4813, 59.6144, 95.5280

Complementary

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



63.6377, 59.6144, 46.6807



60.2003, 69.0986, 96.5509

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.



54.4207, 59.6144, 96.0282



63.6377, 59.6144, 46.6807



47.8191, 59.6144, 73.1832

Square

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



63.6377, 59.6144, 46.6807



49.8762, 59.6144, 47.5321



50.2151, 59.6144, 87.3570



64.0363, 59.6144, 86.0782

Rectangle

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



63.6377, 59.6144, 46.6807



55.5601, 59.6144, 40.9322



50.2151, 59.6144, 87.3570



57.7777, 59.6144, 96.7923

Sweetspot

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



63.6393, 59.6172, 46.6819



86.4612, 88.3863, 88.8844



65.8466, 53.9897, 78.3760



18.2269, 18.5383, 18.3809



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.



63.6393, 59.6172, 46.6819



65.8557, 59.8853, 42.8324



72.6773, 77.6933, 49.6946



16.8636, 17.2113, 17.2309



21.4407, 12.7669, 1.3342



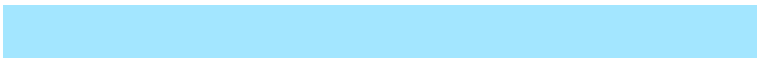
1.9661, 1.2855, 0.1445

Inverse Universe

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



60.2003, 69.0986, 96.5509



61.5430, 71.7231, 105.2080



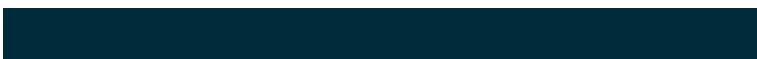
51.3169, 51.3317, 93.5897



16.5957, 17.9557, 21.1337



17.6586, 21.1110, 49.6821



1.6368, 2.0250, 4.3948

Previews

White Background



This preview shows how the XYZ color 63.6377, 59.6144, 46.6807 looks on a white background.

Color Contrast Check

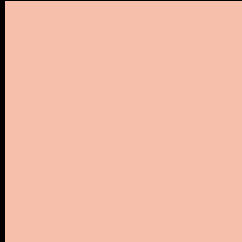
Large Text (above 18pt) WCAG AA × Fail

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 63.6377, 59.6144, 46.6807 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 63.6377, 59.6144, 46.6807

Background



This preview shows how black text looks on a background with the XYZ color 63.6377, 59.6144, 46.6807.



This preview shows how white text looks on a background with the XYZ color 63.6377, 59.6144,

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

63.6377, 59.6144, 46.6807

Protanopia

56.7323, 60.0323, 50.1923

Deuteranopia

60.7025, 59.4249, 46.3010



Tritanopia

67.0243, 59.7142, 63.2518

Trichromacy



Original Color

63.6377, 59.6144, 46.6807

Protanomaly

59.2126, 59.9495, 49.0080

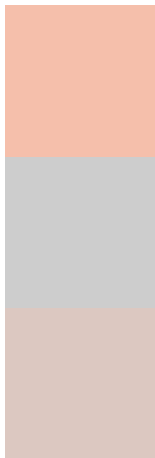
Deuteranomaly

61.8074, 59.6630, 46.2887

Tritanomaly

65.6353, 59.4583, 56.7324

Monochromacy



Original Color

63.6377, 59.6144, 46.6807

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.7951, 60.3745, 58.9540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6377, 59.6144, 46.6807 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(245, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 171) }
```

Border

The CSS property to change the border of an element to XYZ 63.6377, 59.6144, 46.6807 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(245, 191, 171) }
```


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

```
.border{ border-color:rgb(245, 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(245, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6377, 59.6144, 46.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 171) }
```

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

```
.background{ background-color: rgb(245,  
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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