

Converting Colors

XYZ(143.4563, 100.0000,
47.2239)

Have a look what the booklet for
XYZ(143.4563, 100.0000, 47.2239)
contains.

XYZ(66.0148, 59.9431, 43.6881)	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(66.0148, 59.9431,
43.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA5
RGB	255, 188, 165
RGB Percent	100%, 74%, 65%
CMY	0.0000, 0.2627, 0.3529
CMYK	0.00, 0.26, 0.35, 0.00
HSL	15°, 100%, 82%
HSV	15°, 35%, 100%
XYZ	66.0148, 59.9431, 43.6881
YIQ	205.4110, 47.3150, 7.0510

Conversions

Conversions Part 2

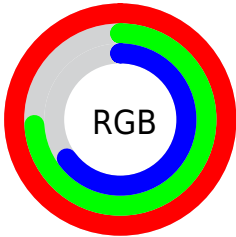
Format	Color
R _Y B	255, 196, 165
Decimal	16759973
CIE Lab	81.81, 21.21, 21.12
CIE LCh	82, 29.934, 44.873
Yxy	59.9431, 0.3891, 0.3533
Android (android.graphics.Color)	4294950053 (0xFFFFBCA5)
YUV	205.4110, -19.9226, 43.4896
Hunter-Lab	77.4229, 16.7082, 20.7400

Details

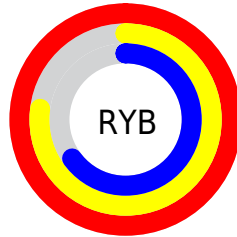
The XYZ color **66.0148, 59.9431, 43.6881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.4225, 72.9298, 105.3946**, and the grayscale version is **58.3933, 61.4343, 66.9019**.

A 20% lighter version of the original color is **86.5090, 91.1287, 80.7402**, and **34.5317, 30.1128, 19.6151** is the 20% darker color. If you saturate the color by 10%, you get **60.1295, 51.5239, 31.3946**, and if you desaturate by 10%, it is **72.8992, 69.6197, 58.5988**.

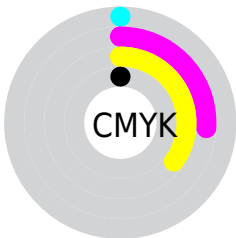
Distribution



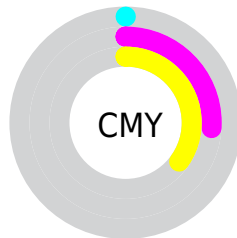
- Red (100%)
- Green (74%)
- Blue (65%)



- Red (100%)
- Yellow (77%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0148, 59.9431, 43.6881 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 66.0148, 59.9431, 43.6881 by changing the saturation by 10% instead.


 66.0148, 59.9431,
43.6881


 66.0148, 59.9431,
43.6881


435.9176,
424.3880, 377.4380

 48.5522, 43.3728,
30.0900


 112.5652,
104.7471, 82.0457

 34.4774, 30.1777,
19.6543


 142.3836,
133.7496, 107.6422

 23.4252, 19.9735,
11.9624


177.0514,
167.6649, 138.0753

 15.0302, 12.3758,
6.5959

216.9339,
206.8775, 173.7635

 8.9271, 7.0002,
3.1361

262.3964,
251.7717, 215.1253

 4.7504, 3.4622,
1.1645

313.8043,

 2.1348, 1.3775,

302.7319, 262.5793

0.0000

371.5229,
360.1426, 316.5440

0.7080, 0.2001,
0.0000

0.0000, 0.0000,
0.0000

66.0148, 59.9431,
43.6881

66.0148, 59.9431,
43.6881

60.1295, 51.5239,
31.3946

72.8992, 69.6197,
58.5988

55.1906, 44.3014,
21.5622

80.8231, 80.5944,
76.2632

51.1468, 38.2220,
14.0237

89.8301, 92.9166,
96.8125

47.9402, 33.2248,
8.5891

95.0500, 100.0000,
108.9000

■ 45.5048, 29.2426,
5.0379

■ 43.7629, 26.1996,
3.0983

■ 43.1408, 25.0616,
2.5636

Harmonies

Analogous

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



69.5272, 59.9431, 56.7466



66.0148, 59.9431, 43.6881



60.2002, 59.9431, 37.1360

Triad

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



66.0148, 59.9431, 43.6881



46.0430, 59.9431, 56.6113



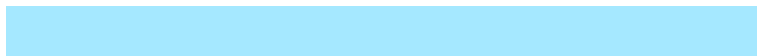
60.1464, 59.9431, 104.9538

Complementary

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



66.0148, 59.9431, 43.6881



62.4225, 72.9298, 105.3946

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.



53.8654, 59.9431, 104.8992



66.0148, 59.9431, 43.6881



46.0310, 59.9431, 74.6021

Square

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



66.0148, 59.9431, 43.6881



48.8333, 59.9431, 43.6049



48.7990, 59.9431, 92.9902



65.9729, 59.9431, 93.1280

Rectangle

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



66.0148, 59.9431, 43.6881



55.9493, 59.9431, 36.4002



48.7990, 59.9431, 92.9902



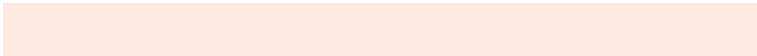
58.0113, 59.9431, 106.3862

Sweetspot

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



66.0163, 59.9459, 43.6893



84.5552, 85.7173, 84.7254



69.3321, 54.0255, 83.4909



17.8414, 17.9950, 17.5503



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.



66.0163, 59.9459, 43.6893



61.9612, 54.1627, 35.1642



77.0293, 81.9720, 47.3603



18.3867, 18.7416, 18.7927



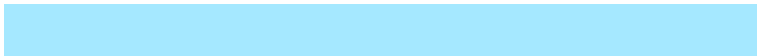
22.6424, 13.2960, 1.3730



2.2878, 1.4610, 0.1614

Inverse Universe

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



62.4225, 72.9298, 105.3946



57.8846, 68.7864, 104.8340



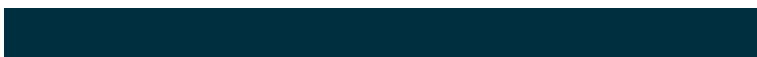
51.4442, 50.9731, 101.7351



18.1387, 19.6490, 23.0866



19.1587, 23.2269, 52.9081



1.9531, 2.4369, 5.1807

Previews

White Background



This preview shows how the XYZ color 66.0148, 59.9431, 43.6881 looks on a white background.

Color Contrast Check

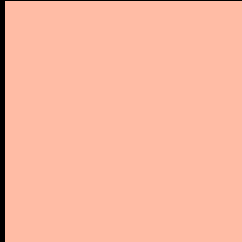
Large Text (above 18pt) WCAG AA × Fail

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 66.0148, 59.9431, 43.6881 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 66.0148, 59.9431, 43.6881

Background



This preview shows how black text looks on a background with the XYZ color 66.0148, 59.9431, 43.6881.



This preview shows how white text looks on a background with the XYZ color 66.0148, 59.9431,

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

66.0148, 59.9431, 43.6881

Protanopia

56.5339, 59.9866, 47.6286

Deuteranopia

61.3658, 60.1647, 43.5006



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

66.0148, 59.9431, 43.6881

Protanomaly

59.6686, 59.9108, 45.9552

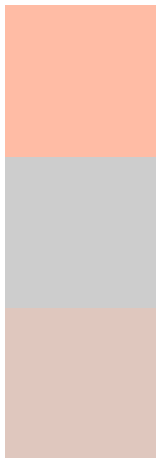
Deuteranomaly

63.0790, 60.0534, 43.3888

Tritanomaly

67.6618, 59.9230, 54.4545

Monochromacy



Original Color

66.0148, 59.9431, 43.6881

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1491, 60.2525, 57.1749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0148, 59.9431, 43.6881 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(255, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 165)  
}
```

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(255, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 165) }
```

Border

The CSS property to change the border of an element to XYZ 66.0148, 59.9431, 43.6881 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(255, 188, 165) }
```


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

```
.border{ border-color:rgb(255, 188, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0148, 59.9431, 43.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 165) }
```

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

```
.background{ background-color: rgb(255,  
188, 165) }
```

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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