

Converting Colors

XYZ(59.1543, 53.6235, 30.0216)

Have a look what the booklet for
XYZ(59.1543, 53.6235, 30.0216)
contains.

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Color

**XYZ(59.0050, 53.5465,
30.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B287
RGB	248, 178, 135
RGB Percent	97%, 70%, 53%
CMY	0.0275, 0.3019, 0.4706
CMYK	0.00, 0.28, 0.46, 0.03
HSL	23°, 89%, 75%
HSV	23°, 46%, 97%
XYZ	59.0050, 53.5465, 30.1473
YIQ	194.0280, 55.5230, 1.4670

Conversions

Conversions Part 2

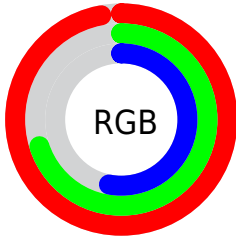
Format	Color
R _Y B	248, 204, 135
Decimal	16298631
CIE Lab	78.20, 20.51, 32.05
CIE LCh	78, 38.056, 57.381
Yxy	53.5465, 0.4135, 0.3752
Android (android.graphics.Color)	4294488711 (0xFFFF8B287)
YUV	194.0280, -29.1008, 47.3334
Hunter-Lab	73.1755, 15.8763, 26.7962

Details

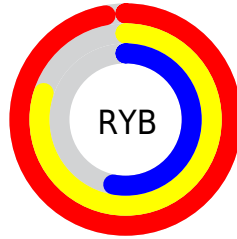
The XYZ color **59.0050, 53.5465, 30.1473** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7654, 55.5887, 96.9663**, and the grayscale version is **51.4397, 54.1186, 58.9352**.

A 20% lighter version of the original color is **79.8481, 83.7798, 60.1068**, and **29.9596, 26.1419, 12.0612** is the 20% darker color. If you saturate the color by 10%, you get **54.5710, 47.1550, 21.0351**, and if you desaturate by 10%, it is **64.1906, 60.7904, 41.5174**.

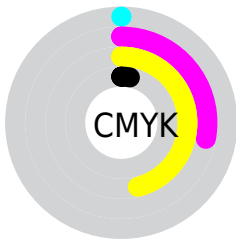
Distribution



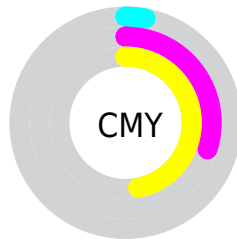
- Red (97%)
- Green (70%)
- Blue (53%)



- Red (97%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (3%)




- Cyan (3%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0050, 53.5465, 30.1473 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 59.0050, 53.5465, 30.1473 by changing the saturation by 10% instead.


 59.0050, 53.5465,
30.1473


 59.0050, 53.5465,
30.1473


410.8142,
400.3783, 316.8191


 42.8635, 38.2392,
19.6974


 102.4995, 95.4081,
60.9588

 29.9721, 26.1684,
11.9934


 130.5833,
122.7311, 82.1575

 19.9654, 16.9497,
6.6167


 163.3785,
154.8282, 107.7762

 12.4780, 10.1986,
3.1488

201.2506,
192.0838, 138.2335

 7.1446, 5.5308,
1.1711

244.5648,
234.8822, 173.9479

 3.5998, 2.5620,
0.0000

293.6866,

 1.4783, 0.9076,

283.6078, 215.3379

0.0000

348.9813,
338.6450, 262.8222

■ 0.3110, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0050, 53.5465,
30.1473

■ 59.0050, 53.5465,
30.1473

■ 54.5710, 47.1550,
21.0351

■ 64.1906, 60.7904,
41.5174

■ 50.8449, 41.5743,
14.0231

■ 70.1605, 68.9108,
55.2821

■ 47.7836, 36.7703,
8.9378

■ 76.9500, 77.9402,
71.5710

■ 45.3369, 32.7029,
5.5760

■ 84.5909, 87.9071,
90.5033

■ 43.4447, 29.3265,
3.6875

■ 92.4623, 98.5782,
108.7620

■ 42.7483, 28.0302,
3.1573

■ 92.5214, 98.6964,
108.7817

Harmonies

Analogous

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



64.6889, 53.5465, 41.4122



59.0050, 53.5465, 30.1473



51.5511, 53.5465, 26.1966

Triad

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



59.0050, 53.5465, 30.1473



37.8952, 53.5465, 56.4500



57.7637, 53.5465, 102.7944

Complementary

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



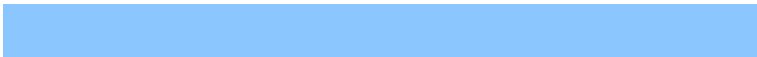
59.0050, 53.5465, 30.1473



48.7654, 55.5887, 96.9663

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.



50.2431, 53.5465, 109.5769



59.0050, 53.5465, 30.1473



39.2150, 53.5465, 79.2564

Square

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



59.0050, 53.5465, 30.1473



39.7673, 53.5465, 38.8829



43.5632, 53.5465, 100.0850



63.9246, 53.5465, 83.3044

Rectangle

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



59.0050, 53.5465, 30.1473



46.7380, 53.5465, 27.2840



43.5632, 53.5465, 100.0850



55.2901, 53.5465, 106.8157

Sweetspot

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



59.0063, 53.5491, 30.1483



83.1726, 84.6040, 79.1716



58.5852, 41.7687, 63.7289



17.4452, 17.6388, 16.0732



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.



59.0063, 53.5491, 30.1483



58.3461, 50.5439, 22.8251



72.2047, 79.9459, 34.5478



17.7860, 18.3079, 18.0587



23.2174, 15.3914, 1.7471



2.2490, 1.6229, 0.1947

Inverse Universe

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



48.7654, 55.5887, 96.9663



46.1198, 52.9127, 102.3901



37.8524, 33.7628, 93.3287



17.1785, 18.4339, 22.0380



15.5006, 16.3569, 50.3138



1.5379, 1.7195, 4.6940

Previews

White Background



This preview shows how the XYZ color 59.0050, 53.5465, 30.1473 looks on a white background.

Color Contrast Check

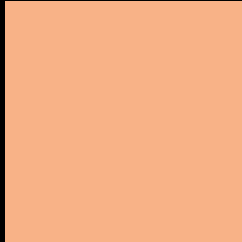
Large Text (above 18pt) WCAG AA × Fail

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 59.0050, 53.5465, 30.1473 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 59.0050, 53.5465, 30.1473

Background



This preview shows how black text looks on a background with the XYZ color 59.0050, 53.5465, 30.1473.



This preview shows how white text looks on a background with the XYZ color 59.0050, 53.5465,

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

59.0050, 53.5465, 30.1473

Protanopia

50.1867, 53.9465, 33.3588

Deuteranopia

54.6070, 53.4081, 29.9849



Tritanopia

63.3595, 53.2820, 52.2924

Trichromacy



Original Color

59.0050, 53.5465, 30.1473

Protanomaly

53.0748, 53.5185, 31.9589

Deuteranomaly

55.9561, 53.1817, 29.8701

Tritanomaly

61.8026, 53.5345, 43.1522

Monochromacy



Original Color

59.0050, 53.5465, 30.1473

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2576, 53.2797, 47.0122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0050, 53.5465, 30.1473 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(248, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(248, 178, 135)  
}
```

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(248, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 178, 135) }
```

Border

The CSS property to change the border of an element to XYZ 59.0050, 53.5465, 30.1473 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(248, 178, 135) }
```


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

```
.border{ border-color:rgb(248, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(248, 178,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0050, 53.5465, 30.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 178, 135) }
```

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

```
.background{ background-color: rgb(248,  
178, 135) }
```

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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