

Converting Colors

XYZ(58.3064, 49.8307, 31.3574)

Have a look what the booklet for
XYZ(58.3064, 49.8307, 31.3574)
contains.

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Color

**XYZ(58.1535, 49.6751,
31.3342)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA68C
RGB	251, 166, 140
RGB Percent	98%, 65%, 55%
CMY	0.0157, 0.3490, 0.4510
CMYK	0.00, 0.34, 0.44, 0.02
HSL	14°, 93%, 77%
HSV	14°, 44%, 98%
XYZ	58.1535, 49.6751, 31.3342
YIQ	188.4510, 59.0060, 9.9340

Conversions

Conversions Part 2

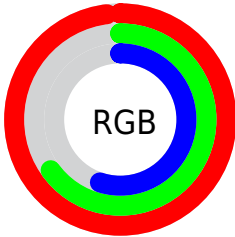
Format	Color
R _Y B	251, 174, 140
Decimal	16492172
CIE Lab	75.87, 28.48, 26.35
CIE LCh	76, 38.804, 42.775
Yxy	49.6751, 0.4179, 0.3570
Android (android.graphics.Color)	4294682252 (0xFFFBA68C)
YUV	188.4510, -23.8863, 54.8555
Hunter-Lab	70.4806, 23.9393, 22.9773

Details

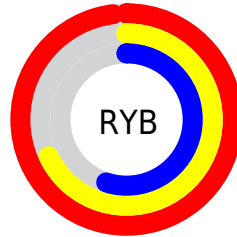
The XYZ color **58.1535, 49.6751, 31.3342** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.1518, 66.3881, 101.1740**, and the grayscale version is **48.1659, 50.6743, 55.1843**.

A 20% lighter version of the original color is **77.0989, 77.3976, 61.9146**, and **29.4888, 23.7549, 12.7038** is the 20% darker color. If you saturate the color by 10%, you get **53.2731, 42.5461, 21.5944**, and if you desaturate by 10%, it is **63.9807, 58.0221, 43.4730**.

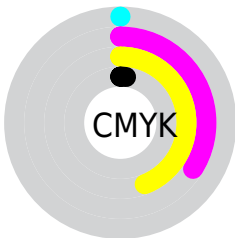
Distribution



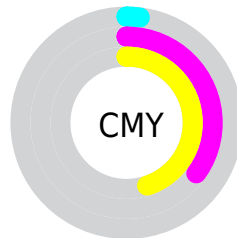
- Red (98%)
- Green (65%)
- Blue (55%)



- Red (98%)
- Yellow (68%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1535, 49.6751, 31.3342 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 58.1535, 49.6751, 31.3342 by changing the saturation by 10% instead.


 58.1535, 49.6751,
31.3342

 58.1535, 49.6751,
31.3342


407.7023,
385.3940, 322.4738


 42.1758, 35.1553,
20.5929

 101.2680, 89.6933,
62.8516

 29.4307, 23.7825,
12.6384


 129.1356,
115.9605, 84.4647

 19.5528, 15.1724,
7.0522


 161.6971,
146.9123, 110.5389

 12.1768, 8.9405,
3.4158

199.3180,
182.9331, 141.4926

 6.9372, 4.7024,
1.3107

242.3637,
224.4073, 177.7444

 3.4689, 2.0737,
0.0705

291.1993,

 1.4063, 0.6498,

271.7192, 219.7128

0.0000

346.1904,
325.2533, 267.8164

■ 0.2607, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1535, 49.6751,
31.3342

■ 58.1535, 49.6751,
31.3342

■ 53.2731, 42.5461,
21.5944

■ 63.9807, 58.0221,
43.4730

■ 49.2835, 36.5698,
14.0898

■ 70.7988, 67.6336,
58.1538

■ 46.1285, 31.6861,
8.6406

■ 78.6538, 78.5624,
75.5118

■ 43.7430, 27.8259,
5.0376

■ 87.5875, 90.8564,
95.6717

■ 42.0508, 24.9113,
3.0256

■ 93.5936, 99.2492,
108.8318

■ 41.3376, 23.6171,
2.3798

Harmonies

Analogous

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



62.0860, 49.6751, 45.7657



58.1535, 49.6751, 31.3342



51.4455, 49.6751, 24.3107

Triad

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



58.1535, 49.6751, 31.3342



35.1594, 49.6751, 43.1494



50.3508, 49.6751, 102.8550

Complementary

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



58.1535, 49.6751, 31.3342



55.1518, 66.3881, 101.1740

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.



43.2225, 49.6751, 101.6334



58.1535, 49.6751, 31.3342



34.9306, 49.6751, 63.3621

Square

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



58.1535, 49.6751, 31.3342



38.4019, 49.6751, 29.8415



37.7416, 49.6751, 85.8239



57.2820, 49.6751, 88.8281

Rectangle

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



58.1535, 49.6751, 31.3342



46.5460, 49.6751, 23.3060



37.7416, 49.6751, 85.8239



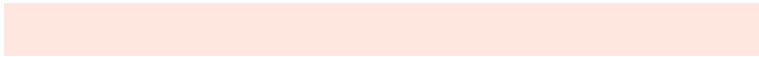
47.8898, 49.6751, 104.3005

Sweetspot

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



58.1548, 49.6775, 31.3352



82.5949, 82.9063, 80.6512



62.7662, 44.7075, 76.6271



17.2670, 17.1759, 16.3427



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.



58.1548, 49.6775, 31.3352



55.7705, 44.9113, 23.4509



70.4796, 74.3272, 35.4434



17.5746, 17.8851, 17.9883



21.8204, 12.5975, 1.2815



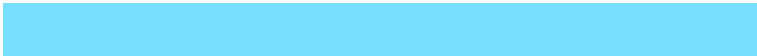
2.0984, 1.3217, 0.1445

Inverse Universe

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



55.1518, 66.3881, 101.1740



52.2526, 64.1577, 104.2374



42.5281, 41.1407, 96.9661



17.4009, 18.8787, 22.1121



19.2005, 23.7565, 51.5471



1.8587, 2.3611, 4.8009

Previews

White Background



This preview shows how the XYZ color 58.1535, 49.6751, 31.3342 looks on a white background.

Color Contrast Check

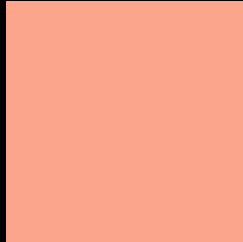
Large Text (above 18pt) WCAG AA × Fail

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 58.1535, 49.6751, 31.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

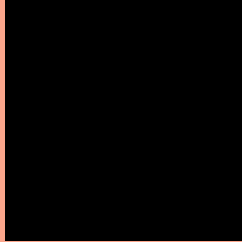
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1535, 49.6751, 31.3342

Background



This preview shows how black text looks on a background with the XYZ color 58.1535, 49.6751, 31.3342.



This preview shows how white text looks on a background with the XYZ color 58.1535, 49.6751,

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

58.1535, 49.6751, 31.3342

Protanopia

46.8285, 49.8848, 36.0148

Deuteranopia

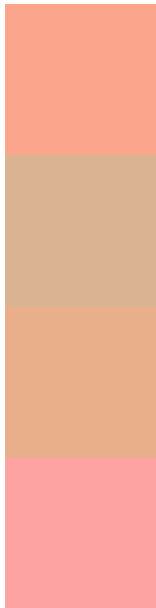
50.9608, 49.9783, 30.6278



Tritanopia

61.1607, 49.5777, 45.8811

Trichromacy



Original Color

58.1535, 49.6751, 31.3342

Protanomaly

50.2218, 49.2209, 34.0477

Deuteranomaly

53.5217, 49.8186, 30.8398

Tritanomaly

60.0382, 49.6502, 40.1373

Monochromacy



Original Color

58.1535, 49.6751, 31.3342

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.5359, 49.4317, 45.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1535, 49.6751, 31.3342 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(251, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(251, 166, 140)  
}
```

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(251, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 166, 140) }
```

Border

The CSS property to change the border of an element to XYZ 58.1535, 49.6751, 31.3342 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(251, 166, 140) }
```


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

```
.border{ border-color:rgb(251, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(251, 166,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1535, 49.6751, 31.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 166, 140) }
```

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

```
.background{ background-color: rgb(251,  
166, 140) }
```

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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