

Converting Colors

XYZ(59.2696, 50.2259, 28.3611)

Have a look what the booklet for
XYZ(59.2696, 50.2259, 28.3611)
contains.

XYZ(59.0411, 50.1984, 28.4072)	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(59.0411, 50.1984,
28.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA684
RGB	255, 166, 132
RGB Percent	100%, 65%, 52%
CMY	0.0000, 0.3490, 0.4823
CMYK	0.00, 0.35, 0.48, 0.00
HSL	17°, 100%, 76%
HSV	17°, 48%, 100%
XYZ	59.0411, 50.1984, 28.4072
YIQ	188.7350, 63.9580, 8.2940

Conversions

Conversions Part 2

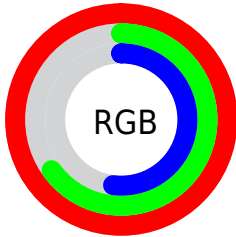
Format	Color
R _Y B	255, 179, 132
Decimal	16754308
CIE Lab	76.19, 29.25, 31.15
CIE LCh	76, 42.730, 46.808
Yxy	50.1984, 0.4289, 0.3647
Android (android.graphics.Color)	4294944388 (0xFFFFA684)
YUV	188.7350, -27.9704, 58.1144
Hunter-Lab	70.8508, 24.7579, 25.8236

Details

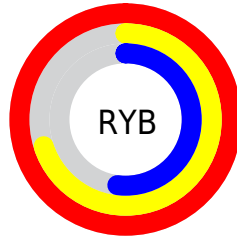
The XYZ color **59.0411, 50.1984, 28.4072** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.4208, 63.8355, 104.1134**, and the grayscale version is **48.3487, 50.8666, 55.3937**.

A 20% lighter version of the original color is **76.1182, 77.0053, 56.7506**, and **29.9338, 24.0216, 11.0416** is the 20% darker color. If you saturate the color by 10%, you get **54.3881, 43.3521, 19.2740**, and if you desaturate by 10%, it is **64.6042, 58.1826, 39.9485**.

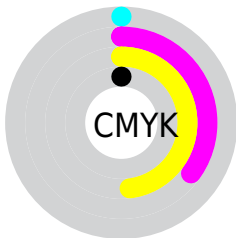
Distribution



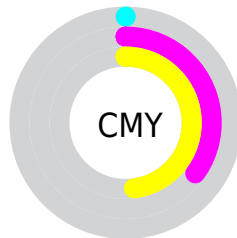
- Red (100%)
- Green (65%)
- Blue (52%)



- Red (100%)
- Yellow (70%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0411, 50.1984, 28.4072 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 59.0411, 50.1984, 28.4072 by changing the saturation by 10% instead.


 59.0411, 50.1984,
28.4072

 59.0411, 50.1984,
28.4072


410.9458,
387.4413, 308.3805


 42.8927, 35.5711,
18.3911


 102.5517, 90.4688,
58.1648

 29.9951, 24.1031,
11.0588


 130.6446,
116.8806, 78.7434

 19.9829, 15.4101,
5.9917


 163.4497,
147.9894, 103.6800

 12.4908, 9.1077,
2.7714

201.3324,
184.1795, 133.3930

 7.1534, 4.8115,
0.9791

244.6579,
225.8353, 168.3010

 3.6054, 2.1371,
0.0000

293.7918,

 1.4814, 0.6854,

273.3413, 208.8226

0.0000

349.0993,
327.0819, 255.3762

■ 0.3131, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0411, 50.1984,
28.4072

■ 59.0411, 50.1984,
28.4072

■ 54.3881, 43.3521,
19.2740

■ 64.6042, 58.1826,
39.9485

■ 50.5895, 37.5828,
12.3727

■ 71.1212, 67.3468,
54.0512

■ 47.5887, 32.8348,
7.5073

■ 78.6376, 77.7403,
70.8591

■ 45.3194, 29.0439,
4.4458

■ 87.1946, 89.4070,
90.5045

■ 43.6972, 26.1350, 95.0499, 100.0000,
2.8707 108.9000

■ 43.4615, 25.7031,
2.6705

Harmonies

Analogous

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



64.0148, 50.1984, 42.8760



59.0411, 50.1984, 28.4072



51.3115, 50.1984, 21.9932

Triad

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



59.0411, 50.1984, 28.4072



34.2408, 50.1984, 45.2024



52.3027, 50.1984, 108.6454

Complementary

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



59.0411, 50.1984, 28.4072



53.4208, 63.8355, 104.1134

Split Complementary

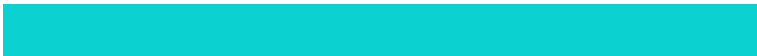
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.2850, 50.1984, 109.7876



59.0411, 50.1984, 28.4072



34.4427, 50.1984, 68.4208

Square

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



59.0411, 50.1984, 28.4072



37.3473, 50.1984, 29.6978



37.9337, 50.1984, 93.5054



59.8363, 50.1984, 90.7198

Rectangle

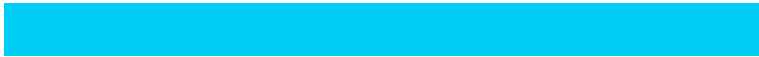
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0411, 50.1984, 28.4072



45.9106, 50.1984, 21.5319



37.9337, 50.1984, 93.5054



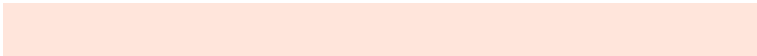
49.5601, 50.1984, 111.1502

Sweetspot

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



59.0423, 50.2009, 28.4082



82.1321, 82.5231, 78.8248



62.7030, 43.0475, 74.2522



17.1935, 17.1356, 15.9893



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.



59.0423, 50.2009, 28.4082



54.4875, 43.5004, 19.4621



72.6829, 77.4820, 32.9550



18.4181, 18.8043, 18.8032



22.8162, 13.6437, 1.4309



2.3084, 1.5022, 0.1683

Inverse Universe

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



53.4208, 63.8355, 104.1134



48.1998, 58.5007, 103.3591



40.2586, 37.5110, 99.7260



18.1054, 19.5823, 23.0755



18.5739, 22.0573, 52.7131



1.9002, 2.3311, 5.1631

Previews

White Background



This preview shows how the XYZ color 59.0411, 50.1984, 28.4072 looks on a white background.

Color Contrast Check

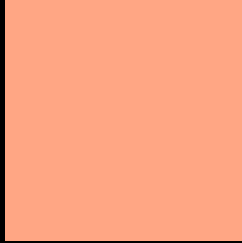
Large Text (above 18pt) WCAG AA × Fail

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 59.0411, 50.1984, 28.4072 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 59.0411, 50.1984, 28.4072

Background



This preview shows how black text looks on a background with the XYZ color 59.0411, 50.1984, 28.4072.



This preview shows how white text looks on a background with the XYZ color 59.0411, 50.1984,

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

59.0411, 50.1984, 28.4072

Protanopia

47.2228, 50.4760, 32.8451

Deuteranopia

51.3350, 50.2350, 27.7596



Tritanopia

61.7032, 50.1178, 45.9568

Trichromacy



Original Color

59.0411, 50.1984, 28.4072

Protanomaly

50.7275, 49.8496, 30.9931

Deuteranomaly

53.9513, 50.1045, 27.9467

Tritanomaly

60.5087, 49.9230, 38.7947

Monochromacy



Original Color

59.0411, 50.1984, 28.4072

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.0323, 50.0210, 44.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0411, 50.1984, 28.4072 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, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 132)  
}
```

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, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 132) }
```

Border

The CSS property to change the border of an element to XYZ 59.0411, 50.1984, 28.4072 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, 166, 132) }
```


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

```
.border{ border-color:rgb(255, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0411, 50.1984, 28.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 132) }
```

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

```
.background{ background-color: rgb(255,  
166, 132) }
```

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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