

Converting Colors

XYZ(59.8011, 50.2669, 33.1375)

Have a look what the booklet for
XYZ(59.8011, 50.2669, 33.1375)
contains.

XYZ(59.8060, 50.2146, 33.3283)	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(59.8060, 50.2146,
33.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA591
RGB	255, 165, 145
RGB Percent	100%, 65%, 57%
CMY	0.0000, 0.3529, 0.4314
CMYK	0.00, 0.35, 0.43, 0.00
HSL	11°, 100%, 78%
HSV	11°, 43%, 100%
XYZ	59.8060, 50.2146, 33.3283
YIQ	189.6300, 60.0600, 12.8600

Conversions

Conversions Part 2

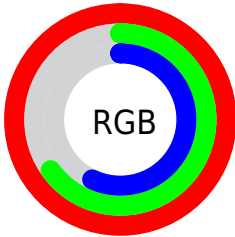
Format	Color
R _Y B	255, 169, 145
Decimal	16754065
CIE Lab	76.20, 31.04, 24.18
CIE LCh	76, 39.345, 37.920
Yxy	50.2146, 0.4172, 0.3503
Android (android.graphics.Color)	4294944145 (0xFFFFA591)
YUV	189.6300, -22.0026, 57.3295
Hunter-Lab	70.8623, 26.6406, 21.7180

Details

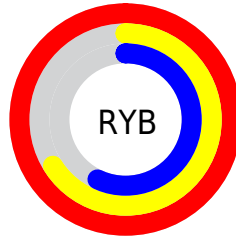
The XYZ color **59.8060, 50.2146, 33.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4340, 72.6533, 105.4987**, and the grayscale version is **48.8302, 51.3732, 55.9454**.

A 20% lighter version of the original color is **77.4053, 77.0964, 64.8342**, and **30.3202, 23.9986, 13.6238** is the 20% darker color. If you saturate the color by 10%, you get **54.5951, 42.5943, 22.9551**, and if you desaturate by 10%, it is **66.0745, 59.2440, 46.2320**.

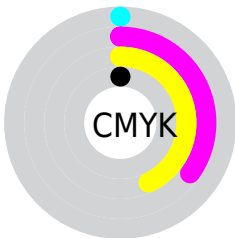
Distribution



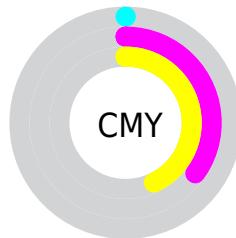
- Red (100%)
- Green (65%)
- Blue (57%)



- Red (100%)
- Yellow (66%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8060, 50.2146, 33.3283 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 59.8060, 50.2146, 33.3283 by changing the saturation by 10% instead.


 59.8060, 50.2146,
33.3283


 59.8060, 50.2146,
33.3283


413.7285,
387.5046, 331.8037

 43.5111, 35.5839,
22.1049


 103.6561, 90.4928,
66.0097

 30.4826, 24.1130,
13.7349


 131.9421,
116.9090, 88.3047

 20.3551, 15.4175,
7.7999


164.9559,
148.0227, 115.1273

 12.7632, 9.1129,
3.8812

203.0628,
184.2180, 146.8961

 7.3416, 4.8149,
1.5604

246.6281,
225.8795, 184.0296

 3.7248, 2.1391,
0.2623

296.0173,

 1.5477, 0.6865,

273.3915, 226.9464

0.0000

351.5956,
327.1384, 276.0649

■ 0.3579, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8060, 50.2146,
33.3283

■ 59.8060, 50.2146,
33.3283

■ 54.5951, 42.5943,
22.9551

■ 66.0745, 59.2440,
46.2320

■ 50.3784, 36.3042,
14.9422

■ 73.4517, 69.7412,
61.8154

■ 47.0915, 31.2690,
9.1029

■ 81.9898, 81.7707,
80.2193

■ 44.6601, 27.4025,
5.2210

■ 91.7364, 95.3910,
101.5740

■ 42.9976, 24.6071, 95.0500, 100.0000,
3.0345 108.9000

■ 42.2318, 23.2436,
2.2606

Harmonies

Analogous

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



63.1893, 50.2146, 49.2698



59.8060, 50.2146, 33.3283



53.2567, 50.2146, 25.0240

Triad

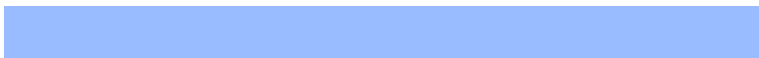
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8060, 50.2146, 33.3283



35.7600, 50.2146, 40.7905



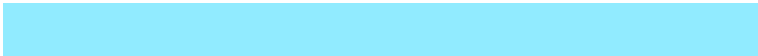
49.7075, 50.2146, 105.5476

Complementary

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



59.8060, 50.2146, 33.3283



59.4340, 72.6533, 105.4987

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.



42.5948, 50.2146, 101.5827



59.8060, 50.2146, 33.3283



35.0191, 50.2146, 60.4621

Square

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



59.8060, 50.2146, 33.3283



39.5351, 50.2146, 28.4955



37.3956, 50.2146, 83.6120



56.9799, 50.2146, 93.3608

Rectangle

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



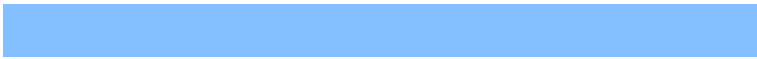
59.8060, 50.2146, 33.3283



48.2438, 50.2146, 23.3122



37.3956, 50.2146, 83.6120



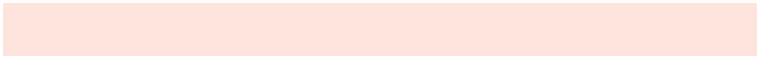
47.2149, 50.2146, 106.1075

Sweetspot

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



59.8073, 50.2171, 33.3293



82.1148, 81.9461, 80.4911



66.6030, 47.6062, 85.5443



17.1499, 16.9416, 16.3037



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.



59.8073, 50.2171, 33.3293



55.1363, 43.3923, 24.0121



71.5090, 73.6204, 37.2298



18.2765, 18.5212, 18.7560



22.1434, 12.2981, 1.2067



2.2247, 1.3348, 0.1404

Inverse Universe

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



59.4340, 72.6533, 105.4987



54.6763, 68.4737, 104.9428



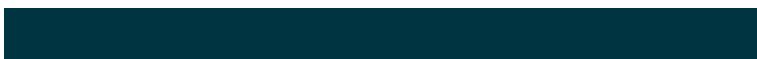
46.3872, 46.5597, 101.1498



18.2574, 19.8864, 23.1261



21.3985, 27.7067, 53.6547



2.1533, 2.8372, 5.2474

Previews

White Background



This preview shows how the XYZ color 59.8060, 50.2146, 33.3283 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 59.8060, 50.2146, 33.3283 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 59.8060, 50.2146, 33.3283

Background



This preview shows how black text looks on a background with the XYZ color 59.8060, 50.2146, 33.3283.



This preview shows how white text looks on a background with the XYZ color 59.8060, 50.2146,

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

59.8060, 50.2146, 33.3283

Protanopia

47.5372, 50.5089, 38.6962

Deuteranopia

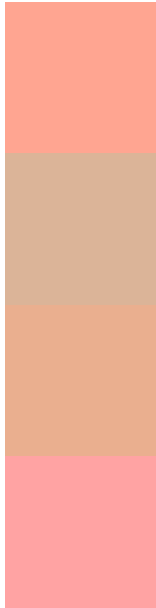
51.5306, 50.5303, 32.6286



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

59.8060, 50.2146, 33.3283

Protanomaly

51.2022, 49.9696, 36.6522

Deuteranomaly

54.2196, 50.1355, 32.8060

Tritanomaly

60.9481, 50.0987, 41.1080

Monochromacy



Original Color

59.8060, 50.2146, 33.3283

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.8954, 50.3999, 47.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8060, 50.2146, 33.3283 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 145)  
}
```

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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 59.8060, 50.2146, 33.3283 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, 165, 145) }
```


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

```
.border{ border-color:rgb(255, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8060, 50.2146, 33.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 145) }
```

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

```
.background{ background-color: rgb(255,  
165, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor