

Converting Colors

XYZ(59.9580, 50.5879, 33.1657)

Have a look what the booklet for
XYZ(59.9580, 50.5879, 33.1657)
contains.

XYZ(59.9103, 50.5461, 32.9843)	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(59.9103, 50.5461,
32.9843)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA690
RGB	255, 166, 144
RGB Percent	100%, 65%, 56%
CMY	0.0000, 0.3490, 0.4353
CMYK	0.00, 0.35, 0.44, 0.00
HSL	12°, 100%, 78%
HSV	12°, 44%, 100%
XYZ	59.9103, 50.5461, 32.9843
YIQ	190.1030, 60.1060, 12.0260

Conversions

Conversions Part 2

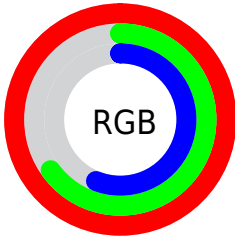
Format	Color
R _Y B	255, 171, 144
Decimal	16754320
CIE Lab	76.40, 30.41, 24.99
CIE LCh	76, 39.367, 39.413
Yxy	50.5461, 0.4177, 0.3524
Android (android.graphics.Color)	4294944400 (0xFFFFA690)
YUV	190.1030, -22.7288, 56.9147
Hunter-Lab	71.0958, 25.9990, 22.2599

Details

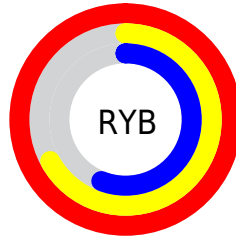
The XYZ color **59.9103, 50.5461, 32.9843** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.6891, 71.4240, 105.3006**, and the grayscale version is **49.1067, 51.6641, 56.2622**.

A 20% lighter version of the original color is **77.5543, 77.5798, 64.3129**, and **30.3866, 24.2027, 13.4260** is the 20% darker color. If you saturate the color by 10%, you get **54.7514, 43.0030, 22.7109**, and if you desaturate by 10%, it is **66.1027, 59.4518, 45.7747**.

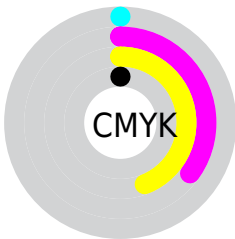
Distribution



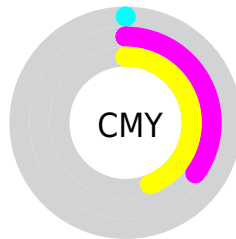
- Red (100%)
- Green (65%)
- Blue (56%)



- Red (100%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9103, 50.5461, 32.9843 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 59.9103, 50.5461, 32.9843 by changing the saturation by 10% instead.


 59.9103, 50.5461,
32.9843


 59.9103, 50.5461,
32.9843


414.1071,
388.7977, 330.2088

 43.5955, 35.8475,
21.8434

 103.8066, 90.9835,
65.4667

 30.5492, 24.3164,
13.5447


 132.1189,
117.4911, 87.6454

 20.4060, 15.5685,
7.6695

165.1610,
148.7037, 114.3403

 12.8005, 9.2194,
3.7995

203.2983,
185.0059, 145.9701

 7.3673, 4.8845,
1.5160

246.8963,
226.7820, 182.9533

 3.7412, 2.1797,
0.2298

296.3201,

 1.5568, 0.7089,

274.4164, 225.7085

0.0000

351.9353,
328.2935, 274.6542

■ 0.3640, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9103, 50.5461,
32.9843

■ 59.9103, 50.5461,
32.9843

■ 54.7514, 43.0030,
22.7109

■ 66.1027, 59.4518,
45.7747

■ 50.5643, 36.7474,
14.7842

■ 73.3781, 69.7755,
61.2311

■ 47.2865, 31.7080,
9.0174

■ 81.7871, 81.5786,
79.4944

■ 44.8460, 27.8033,
5.1936

■ 91.3761, 94.9167,
100.6946

■ 43.1585, 24.9414, 95.0500, 100.0000,
3.0496 108.9000

■ 42.4044, 23.5888,
2.3181

Harmonies

Analogous

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



63.5112, 50.5461, 48.6295



59.9103, 50.5461, 32.9843



53.2278, 50.5461, 24.9968

Triad

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



59.9103, 50.5461, 32.9843



35.9026, 50.5461, 41.9008



50.4103, 50.5461, 105.8937

Complementary

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



59.9103, 50.5461, 32.9843



58.6891, 71.4240, 105.3006

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.



43.2055, 50.5461, 102.7449



59.9103, 50.5461, 32.9843



35.3147, 50.5461, 61.9821

Square

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



59.9103, 50.5461, 32.9843



39.5536, 50.5461, 29.1504



37.8557, 50.5461, 85.2156



57.6666, 50.5461, 92.9565

Rectangle

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



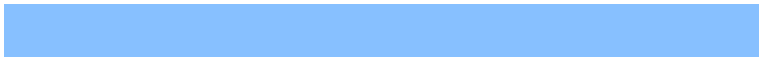
59.9103, 50.5461, 32.9843



48.1886, 50.5461, 23.4900



37.8557, 50.5461, 85.2156



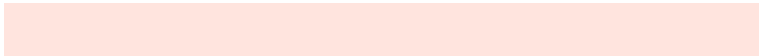
47.8968, 50.5461, 106.7425

Sweetspot

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



59.9116, 50.5486, 32.9853



82.2644, 82.2452, 80.5410



66.1583, 47.1849, 83.9532



17.1864, 17.0146, 16.3158



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.



59.9116, 50.5486, 32.9853



55.4759, 44.0714, 24.1253



71.8280, 74.3815, 36.9574



18.3009, 18.5700, 18.7641



22.2392, 12.4896, 1.2386



2.2375, 1.3603, 0.1446

Inverse Universe

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



58.6891, 71.4240, 105.3006



54.0725, 67.2662, 104.7415



45.7022, 45.4501, 100.9716



18.2309, 19.8335, 23.1173



20.8776, 26.6647, 53.4810



2.1070, 2.7447, 5.2320

Previews

White Background



This preview shows how the XYZ color 59.9103, 50.5461, 32.9843 looks on a white background.

Color Contrast Check

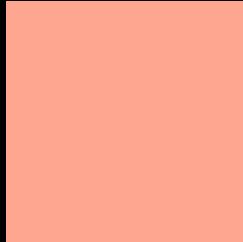
Large Text (above 18pt) WCAG AA × Fail

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 59.9103, 50.5461, 32.9843 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 59.9103, 50.5461, 32.9843

Background



This preview shows how black text looks on a background with the XYZ color 59.9103, 50.5461, 32.9843.



This preview shows how white text looks on a background with the XYZ color 59.9103, 50.5461,

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

59.9103, 50.5461, 32.9843

Protanopia

47.6354, 50.5789, 37.8239

Deuteranopia

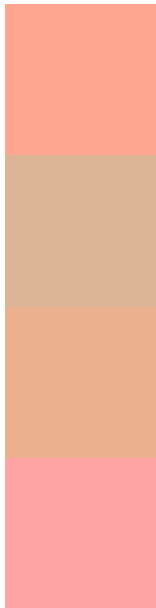
51.7630, 50.6588, 32.2492



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

59.9103, 50.5461, 32.9843

Protanomaly

51.3415, 50.0602, 35.8108

Deuteranomaly

54.6688, 50.6658, 32.4893

Tritanomaly

61.2163, 50.4913, 41.6413

Monochromacy



Original Color

59.9103, 50.5461, 32.9843

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.7983, 50.3610, 46.5257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9103, 50.5461, 32.9843 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 144) }
```

Border

The CSS property to change the border of an element to XYZ 59.9103, 50.5461, 32.9843 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, 144) }
```


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

```
.border{ border-color:rgb(255, 166, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9103, 50.5461, 32.9843 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
166, 144) }
```

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