

Converting Colors

XYZ(100.2130, 70.7374,
31.4789)

Have a look what the booklet for
XYZ(100.2130, 70.7374, 31.4789)
contains.

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Color

**XYZ(58.9594, 49.5885,
29.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA488
RGB	255, 164, 136
RGB Percent	100%, 64%, 53%
CMY	0.0000, 0.3568, 0.4667
CMYK	0.00, 0.36, 0.47, 0.00
HSL	14°, 100%, 77%
HSV	14°, 47%, 100%
XYZ	58.9594, 49.5885, 29.7566
YIQ	188.0170, 63.2240, 10.5840

Conversions

Conversions Part 2

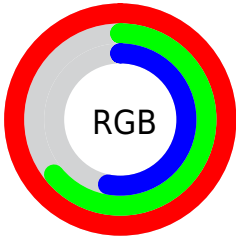
Format	Color
R_{YB}	255, 173, 136
Decimal	16753800
CIE _{Lab}	75.82, 30.67, 28.51
CIE _{LCh}	76, 41.874, 42.919
Yxy	49.5885, 0.4263, 0.3585
Android (android.graphics.Color)	4294943880 (0xFFFFA488)
YUV	188.0170, -25.6444, 58.7441
Hunter-Lab	70.4191, 26.2182, 24.2395

Details

The XYZ color **58.9594, 49.5885, 29.7566** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.6710, 67.3894, 104.6808**, and the grayscale version is **47.9268, 50.4227, 54.9103**.

A 20% lighter version of the original color is **76.1275, 76.1641, 59.4040**, and **29.8698, 23.6429, 11.7933** is the 20% darker color. If you saturate the color by 10%, you get **54.1322, 42.4975, 20.2452**, and if you desaturate by 10%, it is **64.7552, 57.9268, 41.7185**.

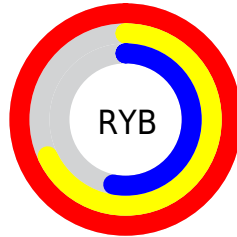
Distribution



Red (100%)

Green (64%)

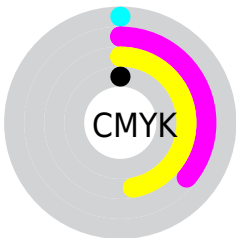
Blue (53%)



Red (100%)

Yellow (68%)

Blue (53%)

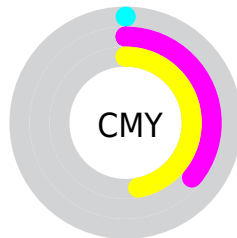


Cyan (0%)

Magenta (36%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9594, 49.5885, 29.7566 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 58.9594, 49.5885, 29.7566 by changing the saturation by 10% instead.


 58.9594, 49.5885,
29.7566


 58.9594, 49.5885,
29.7566


410.6479,
385.0545, 314.9402


 42.8267, 35.0865,
19.4034

 102.4336, 89.5649,
60.3335

 29.9431, 23.7295,
11.7824


 130.5058,
115.8081, 81.3943

 19.9432, 15.1331,
6.4749


 163.2886,
146.7338, 106.8614

 12.4618, 8.9129,
3.0625

201.1472,
182.7265, 137.1533

 7.1334, 4.6844,
1.1267

244.4471,
224.1706, 172.6886

 3.5928, 2.0633,
0.0000

293.5536,

 1.4744, 0.6439,

271.4503, 213.8858

0.0000

348.8321,
324.9502, 261.1635

■ 0.3083, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9594, 49.5885,
29.7566

■ 58.9594, 49.5885,
29.7566

■ 54.1322, 42.4975,
20.2452

■ 64.7552, 57.9268,
41.7185

■ 50.2145, 36.5855,
13.0098

■ 71.5667, 67.5618,
56.2833

■ 47.1461, 31.7885,
7.8571

■ 79.4420, 78.5490,
73.5939

■ 44.8574, 28.0330,
4.5601

■ 88.4254, 90.9384,
93.7823

■ 43.2648, 25.2353, 95.0499, 99.9999,
2.8347 108.9000

■ 42.8564, 24.4930,
2.4688

Harmonies

Analogous

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



63.2701, 49.5885, 44.9697



58.9594, 49.5885, 29.7566



51.6648, 49.5885, 22.5198

Triad

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



58.9594, 49.5885, 29.7566



34.2291, 49.5885, 42.3606



50.5568, 49.5885, 107.4482

Complementary

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



58.9594, 49.5885, 29.7566



55.6710, 67.3894, 104.6808

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.



42.8731, 49.5885, 106.1788



58.9594, 49.5885, 29.7566



34.0024, 49.5885, 64.1501

Square

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



58.9594, 49.5885, 29.7566



37.6611, 49.5885, 28.3016



37.0032, 49.5885, 88.7413



58.0717, 49.5885, 91.8418

Rectangle

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



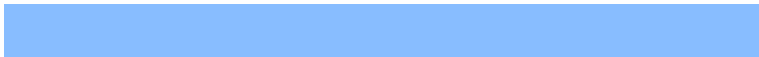
58.9594, 49.5885, 29.7566



46.3747, 49.5885, 21.5112



37.0032, 49.5885, 88.7413



47.8982, 49.5885, 109.0843

Sweetspot

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



58.9606, 49.5910, 29.7575



81.7272, 81.7131, 78.6898



63.9416, 44.4276, 78.0474



17.0959, 16.9402, 15.9567



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.



58.9606, 49.5910, 29.7575



54.4249, 42.9326, 20.8060



72.1430, 75.9556, 34.1517



18.3563, 18.6808, 18.7826



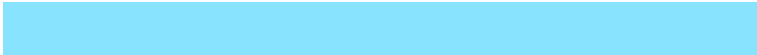
22.4875, 12.9863, 1.3214



2.2690, 1.4234, 0.1551

Inverse Universe

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



55.6710, 67.3894, 104.6808



50.7179, 62.5985, 104.0173



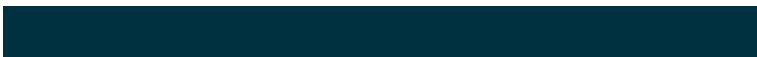
42.1572, 40.3616, 100.1762



18.1712, 19.7141, 23.0974



19.7475, 24.4046, 53.1043



2.0061, 2.5428, 5.1984

Previews

White Background



This preview shows how the XYZ color 58.9594, 49.5885, 29.7566 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 58.9594, 49.5885, 29.7566 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 58.9594, 49.5885, 29.7566

Background



This preview shows how black text looks on a background with the XYZ color 58.9594, 49.5885, 29.7566.



This preview shows how white text looks on a background with the XYZ color 58.9594, 49.5885,

29.7566.

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

58.9594, 49.5885, 29.7566

Protanopia

46.7780, 49.8953, 34.3594

Deuteranopia

50.7852, 49.6216, 29.0916



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

58.9594, 49.5885, 29.7566



Protanomaly

50.5178, 49.4088, 32.4655



Deuteranomaly

53.7001, 49.6555, 29.3084



Tritanomaly

60.4183, 49.6039, 39.1910

Monochromacy



Original Color

58.9594, 49.5885, 29.7566



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.4329, 49.1018, 44.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9594, 49.5885, 29.7566 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, 164, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 136)  
}
```

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, 164, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 136) }
```

Border

The CSS property to change the border of an element to XYZ 58.9594, 49.5885, 29.7566 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, 164, 136) }
```


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

```
.border{ border-color:rgb(255, 164, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9594, 49.5885, 29.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 136) }
```

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

```
.background{ background-color: rgb(255,  
164, 136) }
```

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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