

Converting Colors

XYZ(128.1032, 84.3841,
32.7182)

Have a look what the booklet for
XYZ(128.1032, 84.3841, 32.7182)
contains.

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Color

**XYZ(58.4288, 48.5273,
29.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA188
RGB	255, 161, 136
RGB Percent	100%, 63%, 53%
CMY	0.0000, 0.3686, 0.4667
CMYK	0.00, 0.37, 0.47, 0.00
HSL	13°, 100%, 77%
HSV	13°, 47%, 100%
XYZ	58.4288, 48.5273, 29.5797
YIQ	186.2560, 64.0490, 12.1530

Conversions

Conversions Part 2

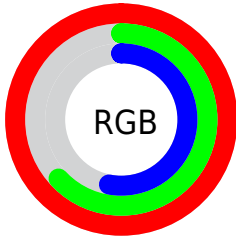
Format	Color
R_{YB}	255, 168, 136
Decimal	16753032
CIE _{Lab}	75.16, 32.23, 27.63
CIE _{LCh}	75, 42.452, 40.614
Yxy	48.5273, 0.4279, 0.3554
Android (android.graphics.Color)	4294943112 (0xFFFFA188)
YUV	186.2560, -24.7762, 60.2885
Hunter-Lab	69.6615, 27.8097, 23.5873

Details

The XYZ color **58.4288, 48.5273, 29.5797** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4987, 69.0447, 104.9567**, and the grayscale version is **46.9263, 49.3701, 53.7640**.

A 20% lighter version of the original color is **75.2382, 74.5598, 58.5701**, and **29.5480, 22.9991, 11.6860** is the 20% darker color. If you saturate the color by 10%, you get **53.5868, 41.4068, 20.0633**, and if you desaturate by 10%, it is **64.2713, 56.9591, 41.5572**.

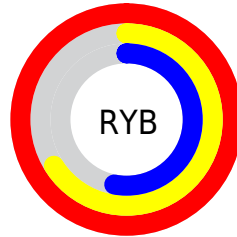
Distribution



Red (100%)

Green (63%)

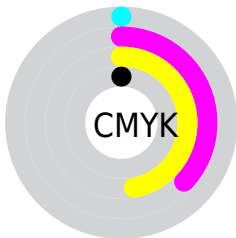
Blue (53%)



Red (100%)

Yellow (66%)

Blue (53%)

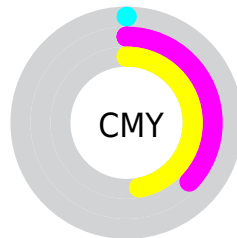


Cyan (0%)

Magenta (37%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4288, 48.5273, 29.5797 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 58.4288, 48.5273, 29.5797 by changing the saturation by 10% instead.


 58.4288, 48.5273,
29.5797

 58.4288, 48.5273,
29.5797


408.7100,
380.8784, 314.0865


 42.3981, 34.2447,
19.2704

 101.6664, 87.9890,
60.0500

 29.6056, 23.0816,
11.6871


 129.6040,
113.9368, 81.0481

 19.6860, 14.6538,
6.4110


 162.2413,
144.5418, 106.4463

 12.2739, 8.5768,
3.0238

199.9435,
180.1884, 136.6630

 7.0040, 4.4662,
1.1068

243.0762,
221.2610, 172.1168

 3.5110, 1.9376,
0.0000

292.0046,

 1.4294, 0.5708,

268.1439, 213.2263

0.0000

347.0941,
321.2216, 260.4101

■ 0.2770, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4288, 48.5273,
29.5797

■ 58.4288, 48.5273,
29.5797

■ 53.5868, 41.4068,
20.0633

■ 64.2713, 56.9591,
41.5572

■ 49.6835, 35.5236,
12.8327

■ 71.1640, 66.7565,
56.1490

■ 46.6556, 30.8074,
7.6936

■ 79.1575, 77.9799,
73.4990

■ 44.4297, 27.1775,
4.4176

■ 88.2979, 90.6835,
93.7397

■ 42.9181, 24.5417, 95.0499, 100.0000,
2.7191 108.9000

■ 42.5398, 23.8597,
2.3633

Harmonies

Analogous

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



62.4338, 48.5273, 45.3373



58.4288, 48.5273, 29.5797



51.2662, 48.5273, 21.8661

Triad

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



58.4288, 48.5273, 29.5797



33.4096, 48.5273, 39.8623



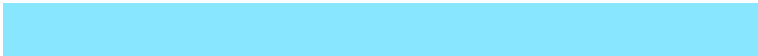
48.9327, 48.5273, 107.0830

Complementary

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



58.4288, 48.5273, 29.5797



56.4987, 69.0447, 104.9567

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.



41.3372, 48.5273, 104.3917



58.4288, 48.5273, 29.5797



32.9346, 48.5273, 61.1235

Square

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



58.4288, 48.5273, 29.5797



37.0602, 48.5273, 26.5447



35.6803, 48.5273, 85.8978



56.5563, 48.5273, 92.4600

Rectangle

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



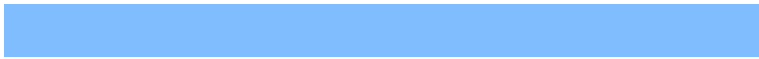
58.4288, 48.5273, 29.5797



45.9636, 48.5273, 20.5469



35.6803, 48.5273, 85.8978



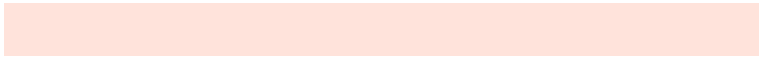
46.2842, 48.5273, 108.2566

Sweetspot

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



58.4300, 48.5297, 29.5806



81.4806, 81.2201, 78.6076



64.4963, 44.6495, 80.9684



17.0365, 16.8214, 15.9369



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.



58.4300, 48.5297, 29.5806



53.8796, 41.8420, 20.6242



71.0938, 73.8574, 33.8019



18.3186, 18.6054, 18.7700



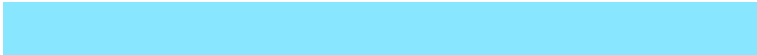
22.3139, 12.6391, 1.2635



2.2472, 1.3797, 0.1479

Inverse Universe

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



56.4987, 69.0447, 104.9567



51.6809, 64.5245, 104.3383



42.8992, 41.8456, 100.4235



18.2118, 19.7952, 23.1109



20.5081, 25.9258, 53.3579



2.0741, 2.6789, 5.2210

Previews

White Background



This preview shows how the XYZ color 58.4288, 48.5273, 29.5797 looks on a white background.

Color Contrast Check

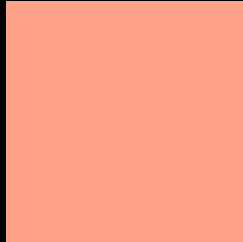
Large Text (above 18pt) WCAG AA × Fail

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 58.4288, 48.5273, 29.5797 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 58.4288, 48.5273, 29.5797

Background



This preview shows how black text looks on a background with the XYZ color 58.4288, 48.5273, 29.5797.



This preview shows how white text looks on a background with the XYZ color 58.4288, 48.5273,

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

58.4288, 48.5273, 29.5797

Protanopia

45.6414, 48.6748, 34.5934

Deuteranopia

49.6692, 48.7499, 28.9821



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

58.4288, 48.5273, 29.5797

Protanomaly

49.3967, 47.9393, 32.6363

Deuteranomaly

52.6599, 48.5499, 29.1499

Tritanomaly

59.7239, 48.4906, 38.1101

Monochromacy



Original Color

58.4288, 48.5273, 29.5797

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.6540, 48.1203, 43.7169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4288, 48.5273, 29.5797 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, 161, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 136) }
```

Border

The CSS property to change the border of an element to XYZ 58.4288, 48.5273, 29.5797 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, 161, 136) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4288, 48.5273, 29.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 136) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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