

Converting Colors

XYZ(68.3008, 54.3016, 33.2377)

Have a look what the booklet for
XYZ(68.3008, 54.3016, 33.2377)
contains.

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Color

**XYZ(59.5495, 49.8245,
32.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA490
RGB	255, 164, 144
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3568, 0.4353
CMYK	0.00, 0.36, 0.44, 0.00
HSL	11°, 100%, 78%
HSV	11°, 44%, 100%
XYZ	59.5495, 49.8245, 32.8641
YIQ	188.9290, 60.6560, 13.0720

Conversions

Conversions Part 2

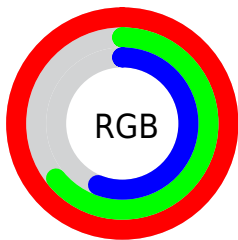
Format	Color
R_{YB}	255, 168, 144
Decimal	16753808
CIE _{Lab}	75.96, 31.46, 24.40
CIE _{LCh}	76, 39.808, 37.795
Yxy	49.8245, 0.4187, 0.3503
Android (android.graphics.Color)	4294943888 (0xFFFFA490)
YUV	188.9290, -22.1500, 57.9443
Hunter-Lab	70.5865, 27.0632, 21.8059

Details

The XYZ color **59.5495, 49.8245, 32.8641** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2586, 72.5630, 105.4904**, and the grayscale version is **48.4287, 50.9508, 55.4854**.

A 20% lighter version of the original color is **77.0262, 76.5236, 64.1369**, and **30.1659, 23.7613, 13.3524** is the 20% darker color. If you saturate the color by 10%, you get **54.3777, 42.2557, 22.5864**, and if you desaturate by 10%, it is **65.7789, 58.8041, 45.6668**.

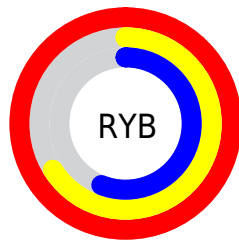
Distribution



Red (100%)

Green (64%)

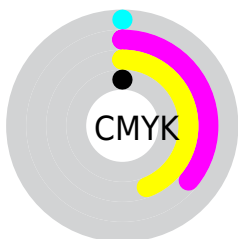
Blue (56%)



Red (100%)

Yellow (66%)

Blue (56%)

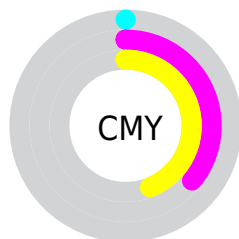


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5495, 49.8245, 32.8641 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 59.5495, 49.8245, 32.8641 by changing the saturation by 10% instead.


 59.5495, 49.8245,
32.8641


 59.5495, 49.8245,
32.8641


412.7966,
385.9792, 329.6501

 43.3037, 35.2740,
21.7521

 103.2860, 89.9148,
65.2769

 30.3190, 23.8740,
13.4783


 131.5073,
116.2233, 87.4147

 20.2301, 15.2402,
7.6241

164.4512,
147.2200, 114.0649

 12.6717, 8.9881,
3.7711

202.4831,
183.2892, 145.6460

 7.2783, 4.7334,
1.5006

245.9682,
224.8154, 182.5765

 3.6846, 2.0917,
0.2184

295.2719,

 1.5253, 0.6600,

272.1828, 225.2750

0.0000

350.7596,
325.7760, 274.1600

■ 0.3430, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5495, 49.8245,
32.8641

■ 59.5495, 49.8245,
32.8641

■ 54.3777, 42.2557,
22.5864

■ 65.7789, 58.8041,
45.6668

■ 50.1997, 36.0182,
14.6627

■ 73.1172, 69.2537,
61.1442

■ 46.9505, 31.0359,
8.9054

■ 81.6171, 81.2385,
79.4378

■ 44.5552, 27.2218,
5.0966

■ 91.3264, 94.8172,
100.6781

■ 42.9263, 24.4770,
2.9722

95.0499, 100.0000,
108.9000

■ 42.2153, 23.2107,
2.2551

Harmonies

Analogous

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



62.9457, 49.8245, 48.8948



59.5495, 49.8245, 32.8641



52.9559, 49.8245, 24.5315

Triad

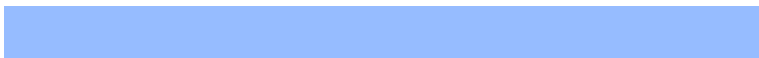
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5495, 49.8245, 32.8641



35.3372, 49.8245, 40.2270



49.3184, 49.8245, 105.6398

Complementary

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



59.5495, 49.8245, 32.8641



59.2586, 72.5630, 105.4904

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.



42.1667, 49.8245, 101.5570



59.5495, 49.8245, 32.8641



34.5807, 49.8245, 59.9835

Square

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



59.5495, 49.8245, 32.8641



39.1399, 49.8245, 27.9437



36.9533, 49.8245, 83.3428



56.6497, 49.8245, 93.3692

Rectangle

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



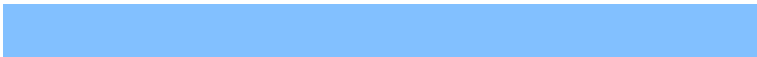
59.5495, 49.8245, 32.8641



47.9077, 49.8245, 22.8062



36.9533, 49.8245, 83.3428



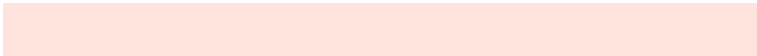
46.8099, 49.8245, 106.1824

Sweetspot

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



59.5508, 49.8270, 32.8651



82.0999, 81.9162, 80.4862



66.4265, 47.2922, 85.3656



17.1463, 16.9344, 16.3025



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.



59.5508, 49.8270, 32.8651



55.1027, 43.3250, 24.0009



71.3456, 73.4166, 36.7967



18.2741, 18.5163, 18.7552



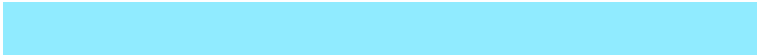
22.1343, 12.2799, 1.2036



2.2235, 1.3324, 0.1400

Inverse Universe

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



59.2586, 72.5630, 105.4904



54.7371, 68.5955, 104.9630



46.0759, 46.1975, 101.0962



18.2601, 19.8917, 23.1270



21.4515, 27.8125, 53.6723



2.1580, 2.8466, 5.2490

Previews

White Background



This preview shows how the XYZ color 59.5495, 49.8245, 32.8641 looks on a white background.

Color Contrast Check

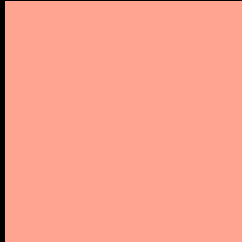
Large Text (above 18pt) WCAG AA × Fail

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 59.5495, 49.8245, 32.8641 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 59.5495, 49.8245, 32.8641

Background



This preview shows how black text looks on a background with the XYZ color 59.5495, 49.8245, 32.8641.



This preview shows how white text looks on a background with the XYZ color 59.5495, 49.8245,

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

59.5495, 49.8245, 32.8641

Protanopia

46.9754, 49.9130, 38.1686

Deuteranopia

50.9478, 49.9378, 32.1530



Tritanopia

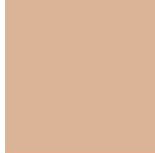
61.5277, 49.7669, 45.8983

Trichromacy



Original Color

59.5495, 49.8245, 32.8641



Protanomaly

50.9194, 49.5346, 36.1556



Deuteranomaly

53.6228, 49.5487, 32.3288



Tritanomaly

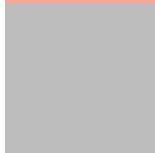
60.6819, 49.7093, 40.5790

Monochromacy



Original Color

59.5495, 49.8245, 32.8641



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.3047, 49.8058, 46.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5495, 49.8245, 32.8641 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 144) }
```

Border

The CSS property to change the border of an element to XYZ 59.5495, 49.8245, 32.8641 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, 144) }
```


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

```
.border{ border-color:rgb(255, 164, 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, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5495, 49.8245, 32.8641 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
164, 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](#).

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