

Converting Colors

XYZ(126.2811, 83.5846,
35.7157)

Have a look what the booklet for
XYZ(126.2811, 83.5846, 35.7157)
contains.

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Color

**XYZ(59.1944, 49.1143,
32.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA290
RGB	255, 162, 144
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3647, 0.4353
CMYK	0.00, 0.36, 0.44, 0.00
HSL	10°, 100%, 78%
HSV	10°, 44%, 100%
XYZ	59.1944, 49.1143, 32.7457
YIQ	187.7550, 61.2060, 14.1180

Conversions

Conversions Part 2

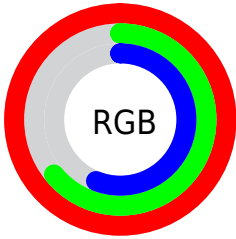
Format	Color
R _Y B	255, 165, 144
Decimal	16753296
CIE Lab	75.52, 32.50, 23.80
CIE LCh	76, 40.280, 36.219
Yxy	49.1143, 0.4197, 0.3482
Android (android.graphics.Color)	4294943376 (0xFFFFA290)
YUV	187.7550, -21.5712, 58.9739
Hunter-Lab	70.0816, 28.1272, 21.3538

Details

The XYZ color **59.1944, 49.1143, 32.7457** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8344, 73.7145, 105.6823**, and the grayscale version is **47.7563, 50.2434, 54.7150**.

A 20% lighter version of the original color is **76.5044, 75.4800, 63.9630**, and **29.9947, 23.3475, 13.5153** is the 20% darker color. If you saturate the color by 10%, you get **54.0122, 41.5247, 22.4645**, and if you desaturate by 10%, it is **65.4586, 58.1634, 45.5600**.

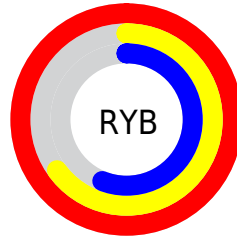
Distribution



Red (100%)

Green (64%)

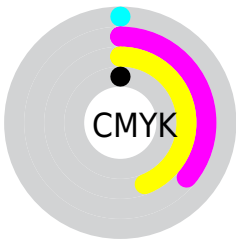
Blue (56%)



Red (100%)

Yellow (65%)

Blue (56%)

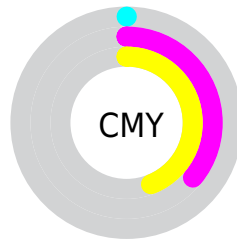


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1944, 49.1143, 32.7457 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 59.1944, 49.1143, 32.7457 by changing the saturation by 10% instead.


 59.1944, 49.1143,
32.7457

 59.1944, 49.1143,
32.7457


411.5044,
383.1921, 329.0991

 43.0166, 34.7102,
21.6622

 102.7732, 88.8612,
65.0897

 30.0927, 23.4397,
13.4130


 130.9048,
114.9727, 87.1873

 20.0574, 14.9185,
7.5795


163.7519,
145.7555, 113.7934

 12.5453, 8.7622,
3.7432

201.6796,
181.5940, 145.3264

 7.1910, 4.5864,
1.4855

245.0533,
222.8725, 182.2049

 3.6292, 2.0067,
0.2071

294.2385,

 1.4946, 0.6114,

269.9754, 224.8475

0.0000

349.6004,
323.2871, 273.6727

■ 0.3222, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1944, 49.1143,
32.7457

■ 59.1944, 49.1143,
32.7457

■ 54.0122, 41.5247,
22.4645

■ 65.4586, 58.1634,
45.5600

■ 49.8460, 35.3107,
14.5447

■ 72.8582, 68.7356,
61.0578

■ 46.6280, 30.3910,
8.7979

■ 81.4476, 80.8996,
79.3812

■ 44.2806, 26.6725,
5.0051

■ 91.2766, 94.7177,
100.6614

■ 42.7125, 24.0493, 95.0499, 100.0000,
2.9009 108.9000

■ 42.0456, 22.8712,
2.1985

Harmonies

Analogous

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



62.3887, 49.1143, 49.1625



59.1944, 49.1143, 32.7457



52.6885, 49.1143, 24.0741

Triad

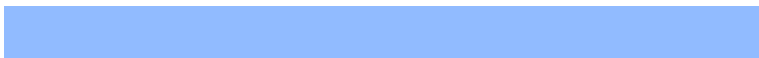
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1944, 49.1143, 32.7457



34.7809, 49.1143, 38.6047



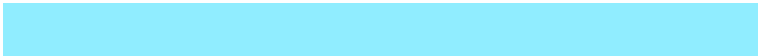
48.2478, 49.1143, 105.3937

Complementary

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



59.1944, 49.1143, 32.7457



59.8344, 73.7145, 105.6823

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.



41.1496, 49.1143, 100.3880



59.1944, 49.1143, 32.7457



33.8605, 49.1143, 58.0371

Square

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



59.1944, 49.1143, 32.7457



38.7321, 49.1143, 26.7750



36.0696, 49.1143, 81.5079



55.6508, 49.1143, 93.7874

Rectangle

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



59.1944, 49.1143, 32.7457



47.6310, 49.1143, 22.1383



36.0696, 49.1143, 81.5079



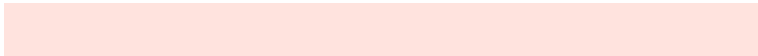
45.7450, 49.1143, 105.6325

Sweetspot

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



59.1956, 49.1167, 32.7466



81.9360, 81.5885, 80.4316



66.6975, 47.4006, 86.7927



17.1063, 16.8545, 16.2892



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.



59.1956, 49.1167, 32.7466



54.7373, 42.5942, 23.8791



70.8685, 72.4625, 36.6376



18.2473, 18.4628, 18.7463



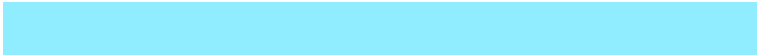
22.0394, 12.0900, 1.1720



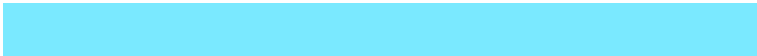
2.2104, 1.3061, 0.1356

Inverse Universe

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



59.8344, 73.7145, 105.6823



55.4107, 69.9427, 105.1876



46.4546, 46.9549, 101.2224



18.2892, 19.9501, 23.1368



22.0416, 28.9928, 53.8690



2.2101, 2.9510, 5.2664

Previews

White Background



This preview shows how the XYZ color 59.1944, 49.1143, 32.7457 looks on a white background.

Color Contrast Check

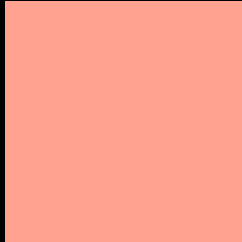
Large Text (above 18pt) WCAG AA × Fail

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 59.1944, 49.1143, 32.7457 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 59.1944, 49.1143, 32.7457

Background



This preview shows how black text looks on a background with the XYZ color 59.1944, 49.1143, 32.7457.



This preview shows how white text looks on a background with the XYZ color 59.1944, 49.1143,

32.7457.

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

59.1944, 49.1143, 32.7457

Protanopia

46.5013, 49.3547, 38.0859

Deuteranopia

50.4430, 49.3789, 32.0718



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

59.1944, 49.1143, 32.7457

Protanomaly

50.2215, 48.5841, 36.0089

Deuteranomaly

53.4303, 49.1638, 32.2647

Tritanomaly

60.2438, 48.9748, 39.9961

Monochromacy



Original Color

59.1944, 49.1143, 32.7457

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.7179, 49.2158, 45.8562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1944, 49.1143, 32.7457 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, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 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, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 144) }
```

Border

The CSS property to change the border of an element to XYZ 59.1944, 49.1143, 32.7457 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, 162, 144) }
```


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

```
.border{ border-color:rgb(255, 162, 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, 162, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1944, 49.1143, 32.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 144) }
```

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

```
.background{ background-color: rgb(255,  
162, 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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