

Converting Colors

XYZ(96.6246, 69.0078, 32.8647)

Have a look what the booklet for
XYZ(96.6246, 69.0078, 32.8647)
contains.

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Color

**XYZ(59.2491, 49.7044,
31.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA48C
RGB	255, 164, 140
RGB Percent	100%, 64%, 55%
CMY	0.0000, 0.3568, 0.4510
CMYK	0.00, 0.36, 0.45, 0.00
HSL	13°, 100%, 77%
HSV	13°, 45%, 100%
XYZ	59.2491, 49.7044, 31.2821
YIQ	188.4730, 61.9400, 11.8280

Conversions

Conversions Part 2

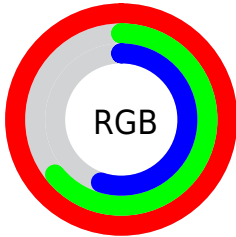
Format	Color
R _Y B	255, 170, 140
Decimal	16753804
CIE Lab	75.89, 31.05, 26.46
CIE LCh	76, 40.796, 40.429
Yxy	49.7044, 0.4225, 0.3544
Android (android.graphics.Color)	4294943884 (0xFFFFA48C)
YUV	188.4730, -23.8972, 58.3442
Hunter-Lab	70.5013, 26.6335, 23.0434

Details

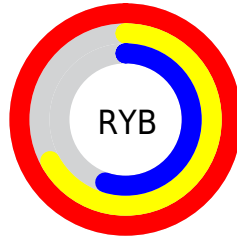
The XYZ color **59.2491, 49.7044, 31.2821** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4397, 69.9441, 105.0807**, and the grayscale version is **48.1774, 50.6864, 55.1975**.

A 20% lighter version of the original color is **76.5708, 76.3414, 61.7386**, and **30.0356, 23.7092, 12.6661** is the 20% darker color. If you saturate the color by 10%, you get **54.2533, 42.3814, 21.3906**, and if you desaturate by 10%, it is **65.2559, 58.3523, 43.6608**.

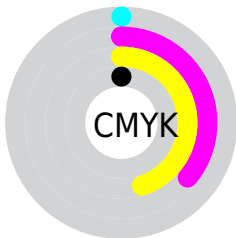
Distribution



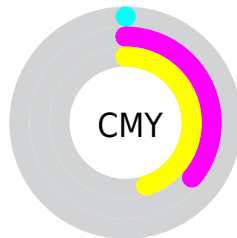
- Red (100%)
- Green (64%)
- Blue (55%)



- Red (100%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2491, 49.7044, 31.2821 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 59.2491, 49.7044, 31.2821 by changing the saturation by 10% instead.


 59.2491, 49.7044,
31.2821


 59.2491, 49.7044,
31.2821


411.7036,
385.5088, 322.2272


 43.0608, 35.1786,
20.5535

 102.8522, 89.7367,
62.7687

 30.1276, 23.8005,
12.6100


 130.9977,
116.0121, 84.3638

 20.0840, 15.1857,
7.0330


 163.8596,
146.9727, 110.4181

 12.5647, 8.9498,
3.4040

201.8034,
183.0030, 141.3502

 7.2044, 4.7085,
1.3044

245.1943,
224.4873, 177.5786

 3.6377, 2.0772,
0.0654

294.3978,

 1.4993, 0.6518,

271.8102, 219.5219

0.0000

349.7791,
325.3559, 267.5986

■ 0.3254, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2491, 49.7044,
31.2821

■ 59.2491, 49.7044,
31.2821

■ 54.2533, 42.3814,
21.3906

■ 65.2559, 58.3523,
43.6608

■ 50.2074, 36.3098,
13.8138

■ 72.3228, 68.3791,
58.6777

■ 47.0489, 31.4200,
8.3614

■ 80.4999, 79.8446,
76.4749

■ 44.7060, 27.6323,
4.8112

■ 89.8333, 92.8032,
97.1835

■ 43.0937, 24.8563, 95.0499, 100.0000,
2.8906 108.9000

■ 42.5235, 23.8272,
2.3579

Harmonies

Analogous

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



63.1034, 49.7044, 46.8988



59.2491, 49.7044, 31.2821



52.3033, 49.7044, 23.5112

Triad

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



59.2491, 49.7044, 31.2821



34.7793, 49.7044, 41.2881



49.9347, 49.7044, 106.5303

Complementary

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



59.2491, 49.7044, 31.2821



57.4397, 69.9441, 105.0807

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.



42.5192, 49.7044, 103.8443



59.2491, 49.7044, 31.2821



34.2906, 49.7044, 62.0461

Square

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



59.2491, 49.7044, 31.2821



38.3937, 49.7044, 28.1251



36.9786, 49.7044, 86.0128



57.3562, 49.7044, 92.5909

Rectangle

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



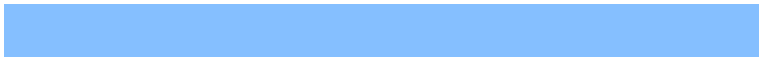
59.2491, 49.7044, 31.2821



47.1333, 49.7044, 22.1534



36.9786, 49.7044, 86.0128



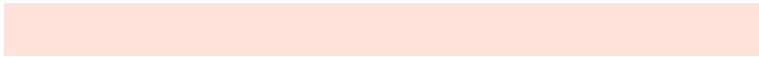
47.3519, 49.7044, 107.6170

Sweetspot

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



59.2503, 49.7069, 31.2831



81.4671, 81.1930, 78.6031



65.1837, 45.8427, 81.7570



17.0332, 16.8149, 15.9359



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.



59.2503, 49.7069, 31.2831



54.7543, 43.1229, 22.3599



71.6983, 74.6028, 35.4324



18.3165, 18.6013, 18.7693



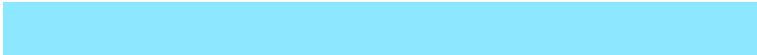
22.3050, 12.6212, 1.2605



2.2460, 1.3774, 0.1475

Inverse Universe

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



57.4397, 69.9441, 105.0807



52.6924, 65.5545, 104.4838



44.0984, 43.2616, 100.6336



18.2140, 19.7997, 23.1117



20.5508, 26.0113, 53.3721



2.0779, 2.6865, 5.2223

Previews

White Background



This preview shows how the XYZ color 59.2491, 49.7044, 31.2821 looks on a white background.

Color Contrast Check

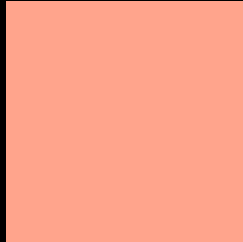
Large Text (above 18pt) WCAG AA × Fail

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 59.2491, 49.7044, 31.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

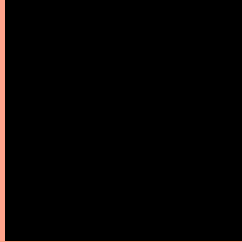
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2491, 49.7044, 31.2821

Background



This preview shows how black text looks on a background with the XYZ color 59.2491, 49.7044, 31.2821.



This preview shows how white text looks on a background with the XYZ color 59.2491, 49.7044,

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

59.2491, 49.7044, 31.2821

Protanopia

46.9094, 49.9171, 36.4407

Deuteranopia

50.9608, 49.9783, 30.6278



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

59.2491, 49.7044, 31.2821

Protanomaly

50.6000, 49.4069, 34.4733

Deuteranomaly

53.6552, 49.5995, 30.7905

Tritanomaly

60.5055, 49.6387, 39.6500

Monochromacy



Original Color

59.2491, 49.7044, 31.2821

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.6222, 49.1775, 45.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2491, 49.7044, 31.2821 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 140) }
```

Border

The CSS property to change the border of an element to XYZ 59.2491, 49.7044, 31.2821 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, 140) }
```


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

```
.border{ border-color:rgb(255, 164, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2491, 49.7044, 31.2821 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
164, 140) }
```

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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