

Converting Colors

XYZ(58.9921, 48.9517, 31.9320)

Have a look what the booklet for
XYZ(58.9921, 48.9517, 31.9320)
contains.

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Color

**XYZ(59.0428, 49.0537,
31.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA28E
RGB	255, 162, 142
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3647, 0.4431
CMYK	0.00, 0.36, 0.44, 0.00
HSL	11°, 100%, 78%
HSV	11°, 44%, 100%
XYZ	59.0428, 49.0537, 31.9476
YIQ	187.5270, 61.8480, 13.4960

Conversions

Conversions Part 2

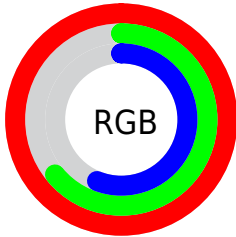
Format	Color
R _Y B	255, 166, 142
Decimal	16753294
CIE Lab	75.48, 32.29, 24.83
CIE LCh	75, 40.738, 37.559
Yxy	49.0537, 0.4216, 0.3503
Android (android.graphics.Color)	4294943374 (0xFFFFA28E)
YUV	187.5270, -22.4448, 59.1738
Hunter-Lab	70.0383, 27.9096, 21.9820

Details

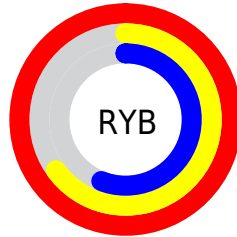
The XYZ color **59.0428, 49.0537, 31.9476** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9121, 72.3840, 105.4740**, and the grayscale version is **47.6316, 50.1121, 54.5721**.

A 20% lighter version of the original color is **76.2752, 75.3883, 62.7558**, and **29.9061, 23.3121, 13.0487** is the 20% darker color. If you saturate the color by 10%, you get **53.9496, 41.5888, 21.8603**, and if you desaturate by 10%, it is **65.1933, 57.9324, 44.5487**.

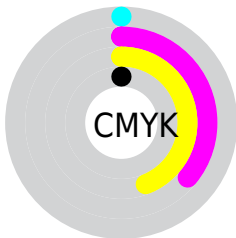
Distribution



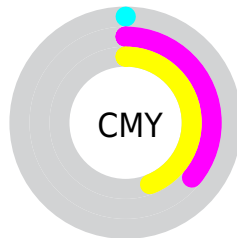
- Red (100%)
- Green (64%)
- Blue (56%)



- 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 59.0428, 49.0537, 31.9476 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 59.0428, 49.0537, 31.9476 by changing the saturation by 10% instead.


 59.0428, 49.0537,
31.9476

 59.0428, 49.0537,
31.9476


410.9520,
382.9537, 325.3659


 42.8941, 34.6621,
21.0570

 102.5541, 88.7712,
63.8259

 29.9962, 23.4027,
12.9740


 130.6475,
114.8659, 85.6506

 19.9837, 14.8911,
7.2801


 163.4530,
145.6304, 111.9572

 12.4914, 8.7430,
3.5568

201.3362,
181.4490, 143.1641

 7.1539, 4.5739,
1.3855

244.6623,
222.7063, 179.6899

 3.6057, 1.9995,
0.1304

293.7968,

 1.4816, 0.6072,

269.7866, 221.9531

0.0000

349.1049,
323.0742, 270.3722

■ 0.3132, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0428, 49.0537,
31.9476

■ 59.0428, 49.0537,
31.9476

■ 53.9496, 41.5888,
21.8603

■ 65.1933, 57.9324,
44.5487

■ 49.8491, 35.4570,
14.1144

■ 72.4532, 68.2854,
59.8145

■ 46.6753, 30.5808,
8.5202

■ 80.8757, 80.1786,
77.8875

■ 44.3520, 26.8713,
4.8567

■ 90.5093, 93.6718,
98.8990

■ 42.7897, 24.2272,
2.8546

95.0499, 99.9999,
108.9000

■ 42.1838, 23.1479,
2.2447

Harmonies

Analogous

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



62.4657, 49.0537, 48.1501



59.0428, 49.0537, 31.9476



52.3606, 49.0537, 23.5653

Triad

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



59.0428, 49.0537, 31.9476



34.5029, 49.0537, 39.1198



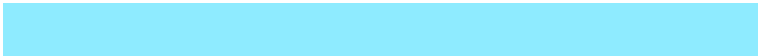
48.5509, 49.0537, 105.8354

Complementary

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



59.0428, 49.0537, 31.9476



58.9121, 72.3840, 105.4740

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.



41.3227, 49.0537, 101.5187



59.0428, 49.0537, 31.9476



33.7164, 49.0537, 59.0421

Square

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



59.0428, 49.0537, 31.9476



38.3587, 49.0537, 26.8632



36.0816, 49.0537, 82.8180



55.9989, 49.0537, 93.3926

Rectangle

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



59.0428, 49.0537, 31.9476



47.2422, 49.0537, 21.8160



36.0816, 49.0537, 82.8180



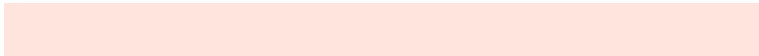
46.0113, 49.0537, 106.3443

Sweetspot

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



59.0440, 49.0561, 31.9485



82.0709, 81.8582, 80.4765



66.0776, 46.6722, 85.0098



17.1392, 16.9202, 16.3001



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.



59.0440, 49.0561, 31.9485



54.5607, 42.4916, 23.0477



71.0214, 73.0108, 35.9410



18.2693, 18.5069, 18.7536



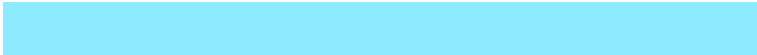
22.1168, 12.2449, 1.1978



2.2211, 1.3276, 0.1392

Inverse Universe

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



58.9121, 72.3840, 105.4740



54.3711, 68.3947, 104.9436



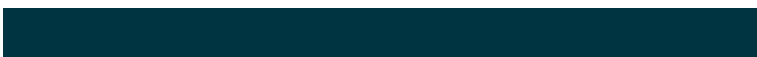
45.4597, 45.4793, 100.9898



18.2652, 19.9020, 23.1287



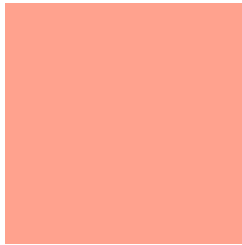
21.5546, 28.0188, 53.7067



2.1671, 2.8649, 5.2520

Previews

White Background



This preview shows how the XYZ color 59.0428, 49.0537, 31.9476 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 59.0428, 49.0537, 31.9476 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 59.0428, 49.0537, 31.9476

Background



This preview shows how black text looks on a background with the XYZ color 59.0428, 49.0537, 31.9476.



This preview shows how white text looks on a background with the XYZ color 59.0428, 49.0537,

31.9476.

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

59.0428, 49.0537, 31.9476

Protanopia

46.3346, 49.2880, 37.2084

Deuteranopia

50.2955, 49.3199, 31.2949



Tritanopia

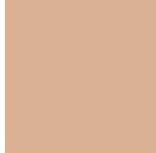
60.8938, 48.9586, 44.2707

Trichromacy



Original Color

59.0428, 49.0537, 31.9476



Protanomaly

50.0604, 48.5196, 35.1605



Deuteranomaly

53.2815, 49.1042, 31.4808



Tritanomaly

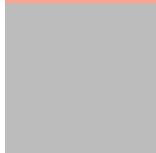
60.1560, 48.9397, 39.5334

Monochromacy



Original Color

59.0428, 49.0537, 31.9476



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 59.0428, 49.0537, 31.9476 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 142) }
```

Border

The CSS property to change the border of an element to XYZ 59.0428, 49.0537, 31.9476 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, 142) }
```


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

```
.border{ border-color:rgb(255, 162, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0428, 49.0537, 31.9476 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
162, 142) }
```

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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