

Converting Colors

XYZ(49.1117, 35.2663, 19.2873)

Have a look what the booklet for
XYZ(49.1117, 35.2663, 19.2873)
contains.

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Color

**XYZ(49.2531, 35.3908,
19.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7A6F
RGB	250, 122, 111
RGB Percent	98%, 48%, 44%
CMY	0.0196, 0.5215, 0.5647
CMYK	0.00, 0.51, 0.56, 0.02
HSL	5°, 93%, 71%
HSV	5°, 56%, 98%
XYZ	49.2531, 35.3908, 19.2741
YIQ	159.0180, 79.8190, 23.7150

Conversions

Conversions Part 2

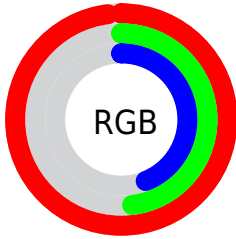
Format	Color
R _Y B	250, 123, 111
Decimal	16415343
CIE Lab	66.05, 47.94, 29.17
CIE LCh	66, 56.114, 31.323
Yxy	35.3908, 0.4740, 0.3406
Android (android.graphics.Color)	4294605423 (0xFFFA7A6F)
YUV	159.0180, -23.6729, 79.7912
Hunter-Lab	59.4902, 43.6759, 22.4339

Details

The XYZ color **49.2531, 35.3908, 19.2741** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.6751, 72.0101, 101.4596**, and the grayscale version is **33.0433, 34.7642, 37.8582**.

A 20% lighter version of the original color is **63.5730, 55.3486, 41.9830**, and **23.7034, 15.1845, 6.3842** is the 20% darker color. If you saturate the color by 10%, you get **45.5646, 29.9172, 12.1774**, and if you desaturate by 10%, it is **53.9979, 42.3610, 28.6234**.

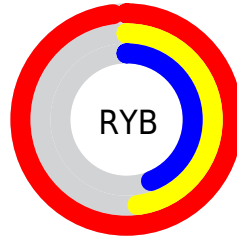
Distribution



Red (98%)

Green (48%)

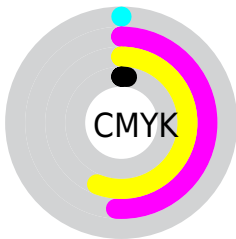
Blue (44%)



Red (98%)

Yellow (48%)

Blue (44%)

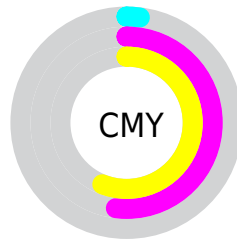


Cyan (0%)

Magenta (51%)

Yellow (56%)

Black (2%)



Cyan (2%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2531, 35.3908, 19.2741 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 49.2531, 35.3908, 19.2741 by changing the saturation by 10% instead.


 49.2531, 35.3908,
19.2741


 49.2531, 35.3908,
19.2741


374.2383,
326.2900, 260.4308


 35.0357, 23.9641,
11.6897


 88.2657, 68.0907,
43.0396


 23.8570, 15.3070,
6.4128


 113.7916, 90.1327,
60.0578

 15.3517, 9.0351,
3.0248


 143.8177,
116.4819, 81.0576

 9.1545, 4.7641,
1.1073

 178.7093,
147.5228, 106.4577

 4.9000, 2.1095,
0.0000

218.8318,
183.6396, 136.6765

 2.2229, 0.6700,
0.0000

264.5506,

 0.7548, 0.0000,

225.2168, 172.1326

0.0000

316.2310,
272.6388, 213.2445

■ 0.0000, 0.0000,
0.0000

■ 49.2531, 35.3908,
19.2741

■ 49.2531, 35.3908,
19.2741

■ 45.5646, 29.9172,
12.1774

■ 53.9979, 42.3610,
28.6234

■ 42.8487, 25.8253,
7.1414

■ 59.8688, 50.9203,
40.3918

■ 41.0133, 22.9927,
3.9456

■ 66.9330, 61.1607,
54.7323

■ 39.9470, 21.2729,
2.3173

■ 75.2512, 73.1653,
71.7847

■ 39.6707, 20.8171,
1.9272

■ 84.8804, 87.0117,
91.6787

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



52.3181, 35.3908, 37.4856



49.2531, 35.3908, 19.2741



41.9211, 35.3908, 10.6805

Triad

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



49.2531, 35.3908, 19.2741



21.4553, 35.3908, 20.4527



34.0089, 35.3908, 104.9593

Complementary

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



49.2531, 35.3908, 19.2741



54.6751, 72.0101, 101.4596

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.



26.5247, 35.3908, 94.3891



49.2531, 35.3908, 19.2741



20.0357, 35.3908, 39.6029

Square

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



49.2531, 35.3908, 19.2741



25.9820, 35.3908, 11.1368



21.7304, 35.3908, 67.6262



42.6669, 35.3908, 92.4785

Rectangle

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



49.2531, 35.3908, 19.2741



36.1117, 35.3908, 8.6559



21.7304, 35.3908, 67.6262



31.2797, 35.3908, 103.9626

Sweetspot

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



49.2540, 35.3927, 19.2747



77.4011, 74.6389, 72.3834



60.9460, 38.0279, 87.1379



16.1776, 15.4143, 14.6930



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.



49.2540, 35.3927, 19.2747



47.1839, 30.5780, 11.8336



60.6564, 58.1975, 23.0755



17.3550, 17.4459, 17.9151



21.0819, 11.1205, 1.0353



1.9894, 1.1037, 0.1082

Inverse Universe

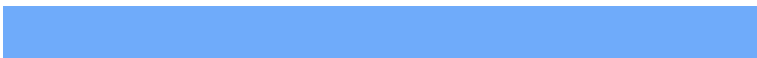
The Inverse Universe completely reimagines the original color for something new.



54.6751, 72.0101, 101.4596



53.3143, 72.3012, 105.7533



38.4180, 39.4958, 96.0406



17.6413, 19.3595, 22.1922



24.2419, 33.8394, 53.2275



2.2791, 3.2018, 4.9411

Previews

White Background



This preview shows how the XYZ color 49.2531, 35.3908, 19.2741 looks on a white background.

Color Contrast Check

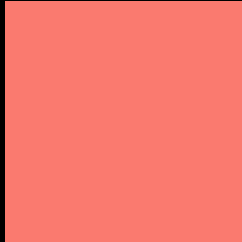
Large Text (above 18pt) WCAG AA × Fail

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 49.2531, 35.3908, 19.2741 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 49.2531, 35.3908, 19.2741

Background



This preview shows how black text looks on a background with the XYZ color 49.2531, 35.3908, 19.2741.



This preview shows how white text looks on a background with the XYZ color 49.2531, 35.3908,

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

49.2531, 35.3908, 19.2741

Protanopia

33.4357, 35.7062, 25.5518

Deuteranopia

36.0977, 35.4686, 18.3082



Tritanopia

50.3964, 35.5007, 24.6182

Trichromacy



Original Color

49.2531, 35.3908, 19.2741

Protanomaly

37.7660, 34.5519, 23.0911

Deuteranomaly

40.0584, 34.7037, 18.4971

Tritanomaly

50.1339, 35.5891, 22.6394

Monochromacy



Original Color

49.2531, 35.3908, 19.2741

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.8996, 33.7172, 30.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2531, 35.3908, 19.2741 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(250, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(250, 122, 111)  
}
```

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(250, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 122, 111) }
```

Border

The CSS property to change the border of an element to XYZ 49.2531, 35.3908, 19.2741 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(250, 122, 111) }
```


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

```
.border{ border-color:rgb(250, 122, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(250, 122,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2531, 35.3908, 19.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 122, 111) }
```

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

```
.background{ background-color: rgb(250,  
122, 111) }
```

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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