

Converting Colors

XYZ(74.0211, 46.8434, 20.0548)

Have a look what the booklet for
XYZ(74.0211, 46.8434, 20.0548)
contains.

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Color

**XYZ(50.1266, 34.4423,
19.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	FF726F
RGB	255, 114, 111
RGB Percent	100%, 45%, 44%
CMY	0.0000, 0.5529, 0.5647
CMYK	0.00, 0.55, 0.56, 0.00
HSL	1°, 100%, 72%
HSV	1°, 56%, 100%
XYZ	50.1266, 34.4423, 19.0450
YIQ	155.8170, 84.9990, 28.9590

Conversions

Conversions Part 2

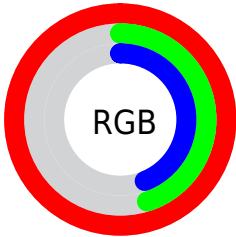
Format	Color
R_{YB}	255, 114, 111
Decimal	16740975
CIE _{Lab}	65.31, 53.48, 28.34
CIE _{LCh}	65, 60.530, 27.921
Yxy	34.4423, 0.4838, 0.3324
Android (android.graphics.Color)	4294931055 (0xFFFF726F)
YUV	155.8170, -22.0948, 86.9835
Hunter-Lab	58.6876, 49.7583, 21.8408

Details

The XYZ color **50.1266, 34.4423, 19.0450** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.4136, 80.2155, 106.9592**, and the grayscale version is **31.5883, 33.2334, 36.1912**.

A 20% lighter version of the original color is **62.2256, 52.6538, 41.5339**, and **24.4535, 14.8243, 6.2752** is the 20% darker color. If you saturate the color by 10%, you get **46.4753, 29.0754, 11.8616**, and if you desaturate by 10%, it is **54.9486, 41.5100, 28.5958**.

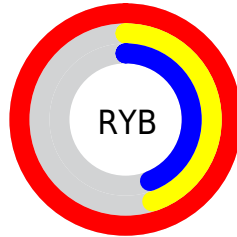
Distribution



Red (100%)

Green (45%)

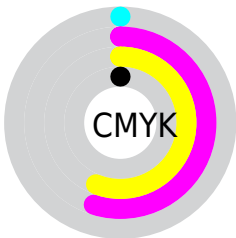
Blue (44%)



Red (100%)

Yellow (45%)

Blue (44%)

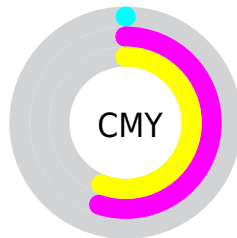


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1266, 34.4423, 19.0450 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 50.1266, 34.4423, 19.0450 by changing the saturation by 10% instead.


 50.1266, 34.4423,
19.0450


 50.1266, 34.4423,
19.0450

377.6046,
322.0998, 259.1281

 35.7322, 23.2336,
11.5257


 89.5531, 66.6209,
42.6478


 24.3966, 14.7661,
6.3030


 115.3160, 88.3596,
59.5684

 15.7544, 8.6554,
2.9584


 145.5990,
114.3770, 80.4598

 9.4403, 4.5171,
1.0734

 180.7676,
145.0576, 105.7406

 5.0889, 1.9668,
0.0000

221.1871,
180.7858, 135.8292

 2.3348, 0.5881,
0.0000

267.2229,

 0.8124, 0.0000,

221.9460, 171.1444

0.0000

319.2403,
268.9225, 212.1044

■ 0.0000, 0.0000,
0.0000

■ 50.1266, 34.4423,
19.0450

■ 50.1266, 34.4423,
19.0450

■ 46.4753, 29.0754,
11.8616

■ 54.9486, 41.5100,
28.5958

■ 43.8931, 25.2613,
6.8376

■ 61.0268, 50.3992,
40.6944

■ 42.2649, 22.8364,
3.7318

■ 68.4416, 61.2260,
55.5059

■ 41.4481, 21.5975,
2.2426

■ 77.2659, 74.0955,
73.1809

■ 41.2977, 21.3755,
1.9493

■ 87.5675, 89.1050,
93.8589

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.7801, 34.4423, 39.2921



50.1266, 34.4423, 19.0450



42.5959, 34.4423, 9.5643

Triad

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



50.1266, 34.4423, 19.0450



20.3654, 34.4423, 17.1671



32.1248, 34.4423, 110.0034

Complementary

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



50.1266, 34.4423, 19.0450



59.4136, 80.2155, 106.9592

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.



24.5294, 34.4423, 95.5541



50.1266, 34.4423, 19.0450



18.5435, 34.4423, 35.7667

Square

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



50.1266, 34.4423, 19.0450



25.4193, 34.4423, 8.8728



19.9202, 34.4423, 65.1556



41.3380, 34.4423, 98.8801

Rectangle

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



50.1266, 34.4423, 19.0450



36.4156, 34.4423, 7.2340



19.9202, 34.4423, 65.1556



29.3137, 34.4423, 107.8789

Sweetspot

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



50.1274, 34.4442, 19.0456



76.7621, 73.3609, 72.1704



64.5903, 39.6954, 96.8522



16.0292, 15.1176, 14.6435



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.



50.1274, 34.4442, 19.0456



46.0138, 28.3950, 10.9587



61.5420, 57.2733, 22.8505



18.0398, 18.0478, 18.6771



21.5921, 11.1955, 1.0229



2.1126, 1.1105, 0.1030

Inverse Universe

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



59.4136, 80.2155, 106.9592



56.1106, 78.2271, 106.7497



41.0483, 43.4850, 100.8374



18.5204, 20.4125, 23.2138



27.2562, 39.4219, 55.6072



2.6638, 3.8583, 5.4176

Previews

White Background



This preview shows how the XYZ color 50.1266, 34.4423, 19.0450 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 50.1266, 34.4423, 19.0450 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 50.1266, 34.4423, 19.0450

Background



This preview shows how black text looks on a background with the XYZ color 50.1266, 34.4423, 19.0450.



This preview shows how white text looks on a background with the XYZ color 50.1266, 34.4423,

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

50.1266, 34.4423, 19.0450

Protanopia

32.6433, 34.7598, 26.4616

Deuteranopia

35.2128, 34.5323, 17.9062



Tritanopia

50.5963, 34.4507, 22.0721

Trichromacy



Original Color

50.1266, 34.4423, 19.0450

Protanomaly

37.2800, 33.3795, 23.5468

Deuteranomaly

39.4739, 33.5346, 18.3022

Tritanomaly

50.3560, 34.3546, 20.8067

Monochromacy



Original Color

50.1266, 34.4423, 19.0450

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.9967, 32.1497, 29.1192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1266, 34.4423, 19.0450 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, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 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(255, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 111) }
```

Border

The CSS property to change the border of an element to XYZ 50.1266, 34.4423, 19.0450 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, 114, 111) }
```


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

```
.border{ border-color:rgb(255, 114, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1266, 34.4423, 19.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 111) }
```

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

```
.background{ background-color: rgb(255,  
114, 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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