

Converting Colors

XYZ(53.5567, 35.9183, 25.6542)

Have a look what the booklet for
XYZ(53.5567, 35.9183, 25.6542)
contains.

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Color

**XYZ(51.2419, 34.7089,
25.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7183
RGB	255, 113, 131
RGB Percent	100%, 44%, 51%
CMY	0.0000, 0.5568, 0.4863
CMYK	0.00, 0.56, 0.49, 0.00
HSL	352°, 100%, 72%
HSV	352°, 56%, 100%
XYZ	51.2419, 34.7089, 25.4715
YIQ	157.5100, 78.8540, 35.7020

Conversions

Conversions Part 2

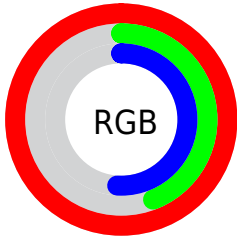
Format	Color
R_{YB}	255, 113, 131
Decimal	16740739
CIE _{Lab}	65.52, 55.56, 17.32
CIE _{LCh}	66, 58.194, 17.316
Yxy	34.7089, 0.4599, 0.3115
Android (android.graphics.Color)	4294930819 (0xFFFF7183)
YUV	157.5100, -13.0694, 85.4987
Hunter-Lab	58.9143, 52.1541, 15.6060

Details

The XYZ color **51.2419, 34.7089, 25.4715** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.8581, 81.1460, 92.7395**, and the grayscale version is **32.3110, 33.9937, 37.0192**.

A 20% lighter version of the original color is **64.0797, 53.0966, 52.2187**, and **24.9784, 14.8729, 9.5369** is the 20% darker color. If you saturate the color by 10%, you get **47.4354, 29.2573, 17.5396**, and if you desaturate by 10%, it is **56.1736, 41.8919, 35.3792**.

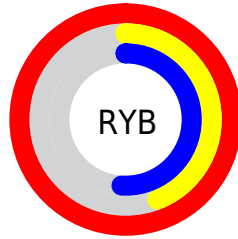
Distribution



Red (100%)

Green (44%)

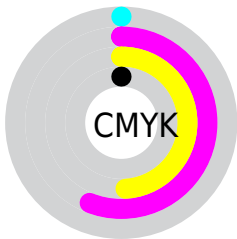
Blue (51%)



Red (100%)

Yellow (44%)

Blue (51%)

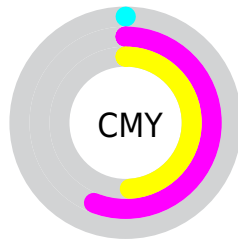


Cyan (0%)

Magenta (56%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2419, 34.7089, 25.4715 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 51.2419, 34.7089, 25.4715 by changing the saturation by 10% instead.


 51.2419, 34.7089,
25.4715


 51.2419, 34.7089,
25.4715


381.8751,
323.2816, 293.7004

 36.6230, 23.4387,
16.2065


 91.1931, 67.0346,
53.3947

 25.0881, 14.9178,
9.5144


 117.2561, 88.8588,
72.8899

 16.2718, 8.7617,
4.9769


 147.8645,
114.9699, 96.6323

 9.8087, 4.5861,
2.1752

183.3837,
145.7522, 125.0404

 5.3336, 2.0065,
0.6600

224.1790,
181.5902, 158.5327

 2.4811, 0.6113,
0.0000

270.6157,

 0.8857, 0.0000,

222.8681, 197.5278

0.0000

323.0593,
269.9704, 242.4442

■ 0.0000, 0.0000,
0.0000

■ 51.2419, 34.7089,
25.4715

■ 51.2419, 34.7089,
25.4715

■ 47.4354, 29.2573,
17.5396

■ 56.1736, 41.8919,
35.3792

■ 44.6615, 25.3855,
11.4483

■ 62.3077, 50.9301,
47.3817

■ 42.8173, 22.9251,
7.0479

■ 69.7178, 61.9425,
61.5910

■ 41.7763, 21.6661,
4.1637

■ 78.4707, 75.0363,
78.1103

■ 41.5049, 21.3660,
3.3254

■ 88.6286, 90.3112,
97.0364

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.7031, 34.7089, 49.0647



51.2419, 34.7089, 25.4715



45.3962, 34.7089, 12.7222

Triad

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



51.2419, 34.7089, 25.4715



22.3483, 34.7089, 14.0650



29.5201, 34.7089, 104.5767

Complementary

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



51.2419, 34.7089, 25.4715



57.8581, 81.1460, 92.7395

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.



23.0786, 34.7089, 83.8667



51.2419, 34.7089, 25.4715



19.4437, 34.7089, 28.3935

Square

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



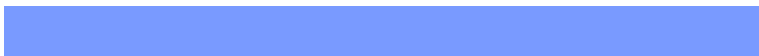
51.2419, 34.7089, 25.4715



28.3478, 34.7089, 8.3578



19.6857, 34.7089, 53.5562



38.1127, 34.7089, 102.6534

Rectangle

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



51.2419, 34.7089, 25.4715



39.7231, 34.7089, 8.9198



19.6857, 34.7089, 53.5562



27.0639, 34.7089, 99.7538

Sweetspot

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



51.2428, 34.7108, 25.4721



77.2391, 73.1894, 75.7994



58.5705, 36.8765, 98.6385



16.1401, 15.0779, 15.4867



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.



51.2428, 34.7108, 25.4721



47.0131, 28.6604, 16.6353



57.6891, 49.3886, 22.1176



18.1030, 18.0245, 19.1597



21.7161, 11.1757, 1.8896



2.1424, 1.0993, 0.3312

Inverse Universe

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



51.2428, 34.7108, 25.4721



47.0131, 28.6604, 16.6353



46.2020, 53.4130, 102.4823



18.1030, 18.0245, 19.1597



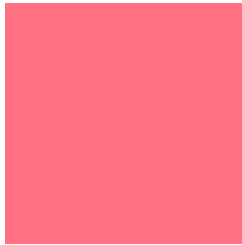
21.7161, 11.1757, 1.8896



2.1424, 1.0993, 0.3312

Previews

White Background



This preview shows how the XYZ color 51.2419, 34.7089, 25.4715 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 51.2419, 34.7089, 25.4715 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 51.2419, 34.7089, 25.4715

Background



This preview shows how black text looks on a background with the XYZ color 51.2419, 34.7089, 25.4715.



This preview shows how white text looks on a background with the XYZ color 51.2419, 34.7089,

25.4715.

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

51.2419, 34.7089, 25.4715

Protanopia

33.5407, 35.0219, 35.5640

Deuteranopia

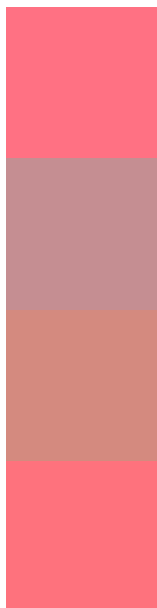
35.5864, 34.8279, 24.2489



Tritanopia

50.4032, 34.5106, 22.4170

Trichromacy



Original Color

51.2419, 34.7089, 25.4715

Protanomaly

37.8873, 33.2916, 31.6232

Deuteranomaly

40.0706, 33.7063, 24.4727

Tritanomaly

50.5920, 34.5861, 23.4113

Monochromacy



Original Color

51.2419, 34.7089, 25.4715

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.0106, 32.8216, 32.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2419, 34.7089, 25.4715 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, 113, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 131)  
}
```

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, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 51.2419, 34.7089, 25.4715 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, 113, 131) }
```


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

```
.border{ border-color:rgb(255, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2419, 34.7089, 25.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 131) }
```

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

```
.background{ background-color: rgb(255,  
113, 131) }
```

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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