

Converting Colors

XYZ(57.3654, 35.3933, 24.5345)

Have a look what the booklet for
XYZ(57.3654, 35.3933, 24.5345)
contains.

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Color

**XYZ(49.4771, 31.3944,
24.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6181
RGB	255, 97, 129
RGB Percent	100%, 38%, 51%
CMY	0.0000, 0.6196, 0.4941
CMYK	0.00, 0.62, 0.49, 0.00
HSL	348°, 100%, 69%
HSV	348°, 62%, 100%
XYZ	49.4771, 31.3944, 24.2209
YIQ	147.8900, 83.8960, 43.4480

Conversions

Conversions Part 2

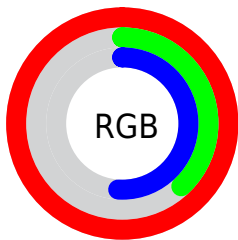
Format	Color
R _Y B	255, 97, 129
Decimal	16736641
CIE Lab	62.84, 62.39, 14.75
CIE LCh	63, 64.110, 13.299
Yxy	31.3944, 0.4708, 0.2987
Android (android.graphics.Color)	4294926721 (0xFFFF6181)
YUV	147.8900, -9.3128, 93.9355
Hunter-Lab	56.0307, 59.5681, 13.5917

Details

The XYZ color **49.4771, 31.3944, 24.2209** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.0111, 79.3897, 82.2952**, and the grayscale version is **28.1170, 29.5813, 32.2140**.

A 20% lighter version of the original color is **61.2391, 47.7486, 50.2447**, and **24.0123, 13.0607, 8.8448** is the 20% darker color. If you saturate the color by 10%, you get **46.2679, 26.9284, 17.1325**, and if you desaturate by 10%, it is **53.7139, 37.4852, 32.9795**.

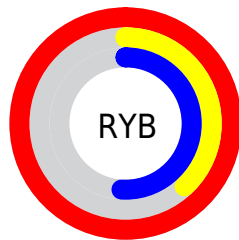
Distribution



Red (100%)

Green (38%)

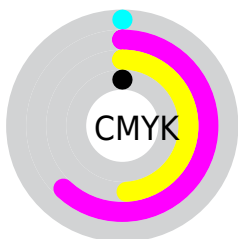
Blue (51%)



Red (100%)

Yellow (38%)

Blue (51%)

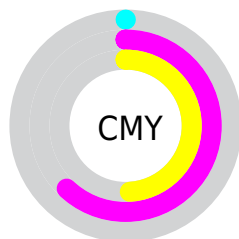


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4771, 31.3944, 24.2209 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 49.4771, 31.3944, 24.2209 by changing the saturation by 10% instead.


 49.4771, 31.3944,
24.2209


 49.4771, 31.3944,
24.2209


375.1034,
308.3512, 287.2578


 35.2142, 20.8994,
15.2839


 88.5961, 61.8605,
51.3388


 23.9952, 13.0505,
8.8700


 114.1829, 82.6003,
70.3567

 15.4548, 7.4633,
4.5608


 144.2751,
107.5239, 93.5720

 9.2276, 3.7535,
1.9378

 179.2379,
137.0155, 121.4032

 4.9482, 1.5366,
0.5166

219.4368,
171.4597, 154.2688

 2.2514, 0.3143,
0.0000

265.2371,

 0.7696, 0.0000,

211.2408, 192.5874

0.0000

317.0042,
256.7432, 236.7776

■ 0.0000, 0.0000,
0.0000

■ 49.4771, 31.3944,
24.2209

■ 49.4771, 31.3944,
24.2209

■ 46.2679, 26.9284,
17.1325

■ 53.7139, 37.4852,
32.9795

■ 43.9922, 23.9247,
11.6031

■ 59.0561, 45.3327,
43.5061

■ 42.5422, 22.1956,
7.5094

■ 65.5767, 55.0611,
55.8927

■ 41.8514, 21.5045,
5.1507

■ 73.3416, 66.7817,
70.2243

■ 82.4118, 80.5972,
86.5804

92.8441, 96.6034,
105.0362

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.1144, 31.3944, 50.0522



49.4771, 31.3944, 24.2209



43.8954, 31.3944, 10.5853

Triad

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



49.4771, 31.3944, 24.2209



19.6913, 31.3944, 9.6827



25.2444, 31.3944, 104.5891

Complementary

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



49.4771, 31.3944, 24.2209



54.0111, 79.3897, 82.2952

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.



19.1587, 31.3944, 79.2390



49.4771, 31.3944, 24.2209



16.4104, 31.3944, 22.0822

Square

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



49.4771, 31.3944, 24.2209



26.1208, 31.3944, 5.4127



16.2368, 31.3944, 46.5595



33.8952, 31.3944, 106.1636

Rectangle

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



49.4771, 31.3944, 24.2209



38.0895, 31.3944, 6.6231



16.2368, 31.3944, 46.5595



22.8759, 31.3944, 98.1554

Sweetspot

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



49.4779, 31.3961, 24.2214



75.8853, 70.6444, 74.8465



52.0738, 31.1070, 97.8669



15.7156, 14.3204, 15.0626



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.



49.4779, 31.3961, 24.2214



45.7304, 26.2014, 15.8799



53.0373, 41.4019, 16.5077



18.1597, 18.0472, 19.4584



21.9105, 11.2535, 2.9130



2.1702, 1.1104, 0.4776

Inverse Universe

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



49.4779, 31.3961, 24.2214



45.7304, 26.2014, 15.8799



46.0856, 55.9716, 102.9819



18.1597, 18.0472, 19.4584



21.9105, 11.2535, 2.9130



2.1702, 1.1104, 0.4776

Previews

White Background



This preview shows how the XYZ color 49.4771, 31.3944, 24.2209 looks on a white background.

Color Contrast Check

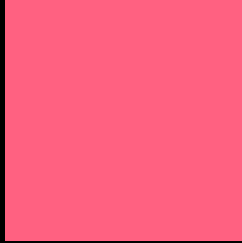
Large Text (above 18pt) WCAG AA × Fail

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 49.4771, 31.3944, 24.2209 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 49.4771, 31.3944, 24.2209

Background



This preview shows how black text looks on a background with the XYZ color 49.4771, 31.3944, 24.2209.

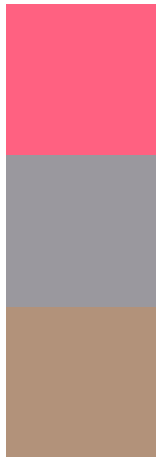


This preview shows how white text looks on a background with the XYZ color 49.4771, 31.3944,

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

49.4771, 31.3944, 24.2209

Protanopia

30.7262, 31.7951, 36.8654

Deuteranopia

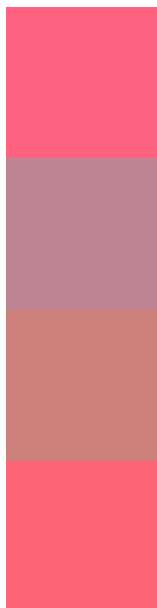
32.1518, 31.4279, 22.7840



Tritanopia

48.1806, 31.4397, 17.4390

Trichromacy



Original Color

49.4771, 31.3944, 24.2209

Protanomaly

35.0036, 29.6855, 31.4887

Deuteranomaly

36.8744, 30.0408, 23.2570

Tritanomaly

48.5247, 31.4230, 19.7274

Monochromacy



Original Color

49.4771, 31.3944, 24.2209

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

33.1515, 28.1884, 28.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4771, 31.3944, 24.2209 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, 97, 129)` looks like.

```
.text, #text, p{  
  color:rgb(255, 97, 129)  
}
```

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, 97, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 129) }
```

Border

The CSS property to change the border of an element to XYZ 49.4771, 31.3944, 24.2209 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, 97, 129) }
```


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

```
.border{ border-color:rgb(255, 97, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4771, 31.3944, 24.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 129) }
```

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

```
.background{ background-color: rgb(255, 97,  
129) }
```

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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