

Converting Colors

XYZ(49.5082, 31.3920, 24.4298)

Have a look what the booklet for
XYZ(49.5082, 31.3920, 24.4298)
contains.

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Color

**XYZ(49.5440, 31.4211,
24.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6182
RGB	255, 97, 130
RGB Percent	100%, 38%, 51%
CMY	0.0000, 0.6196, 0.4902
CMYK	0.00, 0.62, 0.49, 0.00
HSL	347°, 100%, 69%
HSV	347°, 62%, 100%
XYZ	49.5440, 31.4211, 24.5727
YIQ	148.0040, 83.5750, 43.7590

Conversions

Conversions Part 2

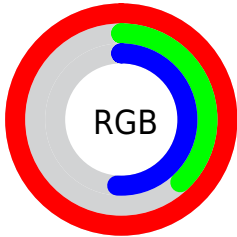
Format	Color
R_{YB}	255, 97, 130
Decimal	16736642
CIE _{Lab}	62.86, 62.48, 14.20
CIE _{LCh}	63, 64.070, 12.806
Yxy	31.4211, 0.4694, 0.2977
Android (android.graphics.Color)	4294926722 (0xFFFF6182)
YUV	148.0040, -8.8760, 93.8355
Hunter-Lab	56.0545, 59.6725, 13.2471

Details

The XYZ color **49.5440, 31.4211, 24.5727** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.8767, 79.3362, 81.5871**, and the grayscale version is **28.1628, 29.6294, 32.2665**.

A 20% lighter version of the original color is **61.3428, 47.7901, 50.7910**, and **24.0495, 13.0756, 9.0409** is the 20% darker color. If you saturate the color by 10%, you get **46.3307, 26.9535, 17.4627**, and if you desaturate by 10%, it is **53.7814, 37.5121, 33.3344**.

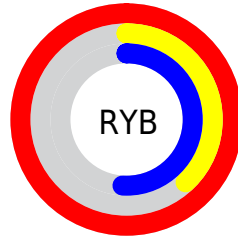
Distribution



Red (100%)

Green (38%)

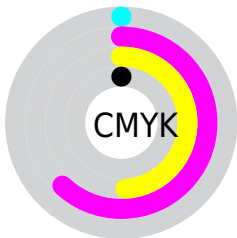
Blue (51%)



Red (100%)

Yellow (38%)

Blue (51%)

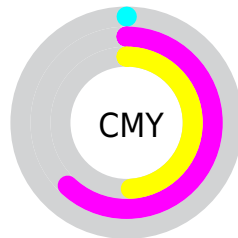


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5440, 31.4211, 24.5727 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 49.5440, 31.4211, 24.5727 by changing the saturation by 10% instead.


 49.5440, 31.4211,
24.5727


 49.5440, 31.4211,
24.5727


375.3615,
308.4737, 289.0825


 35.2675, 20.9197,
15.5429


 88.6947, 61.9024,
51.9187


 24.0365, 13.0653,
9.0504


 114.2997, 82.6512,
71.0719

 15.4856, 7.4735,
4.6768


 144.4116,
107.5845, 94.4366

 9.2494, 3.7600,
2.0035

 179.3957,
137.0868, 122.4315

 4.9626, 1.5402,
0.5574

219.6174,
171.5425, 155.4749

 2.2599, 0.3168,
0.0000

265.4420,

 0.7740, 0.0000,

211.3359, 193.9856

0.0000

317.2350,
256.8515, 238.3819

■ 0.0000, 0.0000,
0.0000

■ 49.5440, 31.4211,
24.5727

■ 49.5440, 31.4211,
24.5727

■ 46.3307, 26.9535,
17.4627

■ 53.7814, 37.5121,
33.3344

■ 44.0479, 23.9469,
11.8957

■ 59.1203, 45.3583,
43.8435

■ 42.5882, 22.2140,
7.7510

■ 65.6332, 55.0836,
56.1901

■ 41.8883, 21.5193,
5.3441

■ 73.3859, 66.7993,
70.4575

■ 82.4390, 80.6080,
86.7236

92.8491, 96.6053,
105.0623

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



49.0766, 31.4211, 50.5924



49.5440, 31.4211, 24.5727



44.0464, 31.4211, 10.7479

Triad

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



49.5440, 31.4211, 24.5727



19.7965, 31.4211, 9.5829



25.1459, 31.4211, 104.3339

Complementary

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



49.5440, 31.4211, 24.5727



53.8767, 79.3362, 81.5871

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.



19.1097, 31.4211, 78.7230



49.5440, 31.4211, 24.5727



16.4628, 31.4211, 21.8148

Square

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



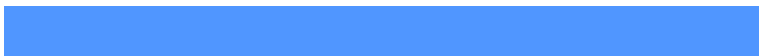
49.5440, 31.4211, 24.5727



26.2758, 31.4211, 5.4024



16.2388, 31.4211, 46.0912



33.7666, 31.4211, 106.3619

Rectangle

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



49.5440, 31.4211, 24.5727



38.2661, 31.4211, 6.7053



16.2388, 31.4211, 46.0912



22.7931, 31.4211, 97.7794

Sweetspot

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



49.5448, 31.4228, 24.5732



75.9251, 70.6604, 75.0561



52.0739, 31.1070, 97.8672



15.7250, 14.3242, 15.1124



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.



49.5448, 31.4228, 24.5732



45.7919, 26.2260, 16.2037



53.0374, 41.4018, 16.5076



18.1645, 18.0491, 19.4835



21.9307, 11.2616, 3.0196



2.1728, 1.1115, 0.4914

Inverse Universe

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



49.5448, 31.4228, 24.5732



45.7919, 26.2260, 16.2037



46.0856, 55.9716, 102.9822



18.1645, 18.0491, 19.4835



21.9307, 11.2616, 3.0196



2.1728, 1.1115, 0.4914

Previews

White Background



This preview shows how the XYZ color 49.5440, 31.4211, 24.5727 looks on a white background.

Color Contrast Check

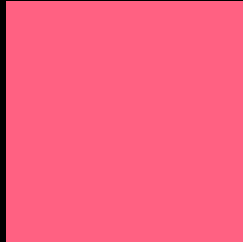
Large Text (above 18pt) WCAG AA × Fail

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 49.5440, 31.4211, 24.5727 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 49.5440, 31.4211, 24.5727

Background



This preview shows how black text looks on a background with the XYZ color 49.5440, 31.4211, 24.5727.



This preview shows how white text looks on a background with the XYZ color 49.5440, 31.4211,

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

49.5440, 31.4211, 24.5727

Protanopia

30.6231, 31.7320, 37.3118

Deuteranopia

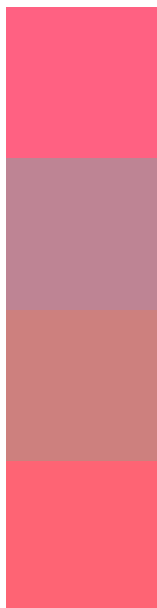
31.9855, 31.3349, 23.1013



Tritanopia

48.2335, 31.4609, 17.7177

Trichromacy



Original Color

49.5440, 31.4211, 24.5727

Protanomaly

34.8318, 29.5878, 31.8922

Deuteranomaly

36.6619, 29.9238, 23.5822

Tritanomaly

48.5826, 31.4461, 20.0321

Monochromacy



Original Color

49.5440, 31.4211, 24.5727

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 49.5440, 31.4211, 24.5727 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 130) }
```

Border

The CSS property to change the border of an element to XYZ 49.5440, 31.4211, 24.5727 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, 130) }
```


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

```
.border{ border-color:rgb(255, 97, 130) }
```

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, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5440, 31.4211, 24.5727 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, 130) }
```

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

```
.background{ background-color: rgb(255, 97,  
130) }
```

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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