

Converting Colors

XYZ(49.0200, 30.7073, 25.1511)

Have a look what the booklet for
XYZ(49.0200, 30.7073, 25.1511)
contains.

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Color

**XYZ(49.0406, 30.7422,
25.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5E84
RGB	254, 94, 132
RGB Percent	100%, 37%, 52%
CMY	0.0039, 0.6313, 0.4824
CMYK	0.00, 0.63, 0.48, 0.00
HSL	346°, 99%, 68%
HSV	346°, 63%, 100%
XYZ	49.0406, 30.7422, 25.1789
YIQ	146.1720, 83.1620, 45.7380

Conversions

Conversions Part 2

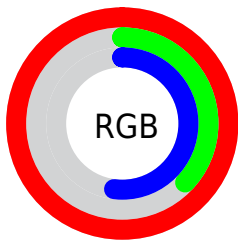
Format	Color
R_{YB}	254, 94, 132
Decimal	16670340
CIE Lab	62.29, 63.57, 12.22
CIE LCh	62, 64.739, 10.882
Yxy	30.7422, 0.4672, 0.2929
Android (android.graphics.Color)	4294860420 (0xFFFE5E84)
YUV	146.1720, -6.9868, 94.5652
Hunter-Lab	55.4456, 60.8499, 11.8873

Details

The XYZ color **49.0406, 30.7422, 25.1789** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **52.4546, 78.2219, 77.3054**, and the grayscale version is **27.3974, 28.8242, 31.3896**.

A 20% lighter version of the original color is **61.0636, 46.8960, 51.7324**, and **23.7389, 12.7097, 9.3857** is the 20% darker color. If you saturate the color by 10%, you get **45.9371, 26.4632, 18.2012**, and if you desaturate by 10%, it is **53.1346, 36.6086, 33.7013**.

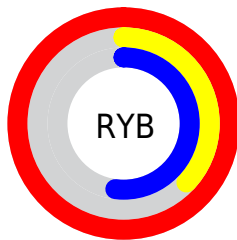
Distribution



Red (100%)

Green (37%)

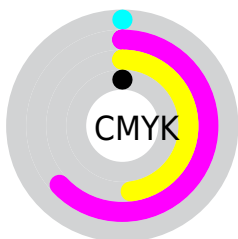
Blue (52%)



Red (100%)

Yellow (37%)

Blue (52%)

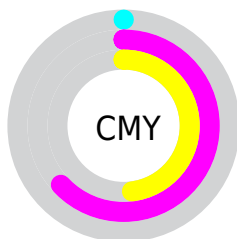


Cyan (0%)

Magenta (63%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0406, 30.7422, 25.1789 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 49.0406, 30.7422, 25.1789 by changing the saturation by 10% instead.


 49.0406, 30.7422,
25.1789


 49.0406, 30.7422,
25.1789


373.4164,
305.3489, 292.2038

 34.8664, 20.4026,
15.9902


 87.9521, 60.8340,
52.9150


 23.7260, 12.6880,
9.3629


 113.4201, 81.3549,
72.2995

 15.2541, 7.2141,
4.8786


 143.3834,
106.0385, 95.9196

 9.0854, 3.5963,
2.1187

 178.2073,
135.2690, 124.1939

 4.8545, 1.4504,
0.6269

218.2572,
169.4309, 157.5409

 2.1960, 0.2535,
0.0000

263.8984,

 0.7406, 0.0000,

208.9086, 196.3792

0.0000

315.4964,
254.0865, 241.1274

■ 0.0000, 0.0000,
0.0000

■ 49.0406, 30.7422,
25.1789

■ 49.0406, 30.7422,
25.1789

■ 45.9371, 26.4632,
18.2012

■ 53.1346, 36.6086,
33.7013

■ 43.7319, 23.6088,
12.6693

■ 58.2950, 44.1938,
43.8549

■ 42.3186, 21.9902,
8.4741

■ 64.5929, 53.6213,
55.7217

■ 41.6968, 21.4003,
6.2516

■ 72.0924, 65.0018,
69.3772

■ 80.8529, 78.4372,
84.8926

90.9296, 94.0223,
102.3350

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



48.1631, 30.7422, 51.8541



49.0406, 30.7422, 25.1789



43.8674, 30.7422, 10.8104

Triad

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



49.0406, 30.7422, 25.1789



19.5370, 30.7422, 8.6677



24.0506, 30.7422, 102.7154

Complementary

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



49.0406, 30.7422, 25.1789



52.4546, 78.2219, 77.3054

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.



18.2601, 30.7422, 75.9261



49.0406, 30.7422, 25.1789



16.0363, 30.7422, 20.0473

Square

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



49.0406, 30.7422, 25.1789



26.1583, 30.7422, 4.9556



15.6210, 30.7422, 43.4138



32.5108, 30.7422, 106.5423

Rectangle

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



49.0406, 30.7422, 25.1789



38.1904, 30.7422, 6.5649



15.6210, 30.7422, 43.4138



21.7765, 30.7422, 95.6405

Sweetspot

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



49.0414, 30.7439, 25.1794



76.1060, 70.7327, 76.0088



49.6251, 29.4594, 96.8363



15.7681, 14.3414, 15.3390



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.



49.0414, 30.7439, 25.1794



45.5848, 25.6850, 16.5256



51.4198, 38.9313, 15.3964



18.1861, 18.0578, 19.5973



22.0305, 11.3015, 3.5449



2.1853, 1.1165, 0.5574

Inverse Universe

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



49.0414, 30.7439, 25.1794



45.5848, 25.6850, 16.5256



46.5536, 57.6302, 102.4357



18.1861, 18.0578, 19.5973



22.0305, 11.3015, 3.5449



2.1853, 1.1165, 0.5574

Previews

White Background



This preview shows how the XYZ color 49.0406, 30.7422, 25.1789 looks on a white background.

Color Contrast Check

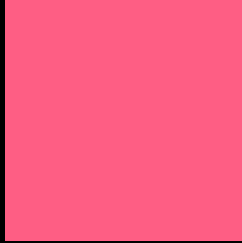
Large Text (above 18pt) WCAG AA × Fail

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 49.0406, 30.7422, 25.1789 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 49.0406, 30.7422, 25.1789

Background



This preview shows how black text looks on a background with the XYZ color 49.0406, 30.7422, 25.1789.



This preview shows how white text looks on a background with the XYZ color 49.0406, 30.7422,

25.1789.

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

49.0406, 30.7422, 25.1789

Protanopia

30.0056, 30.9054, 38.5663

Deuteranopia

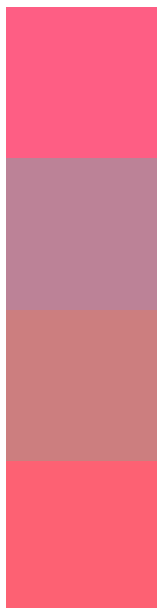
31.4427, 30.8200, 23.3604



Tritanopia

47.1565, 30.6390, 16.7931

Trichromacy



Original Color

49.0406, 30.7422, 25.1789

Protanomaly

34.3076, 28.8910, 33.0465

Deuteranomaly

36.1935, 29.2914, 23.8249

Tritanomaly

47.8772, 30.6698, 19.6161

Monochromacy



Original Color

49.0406, 30.7422, 25.1789

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.4047, 27.4161, 28.7832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0406, 30.7422, 25.1789 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(254, 94, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 94, 132)  
}
```

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(254, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 94, 132) }
```

Border

The CSS property to change the border of an element to XYZ 49.0406, 30.7422, 25.1789 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(254, 94, 132) }
```


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

```
.border{ border-color:rgb(254, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 94,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0406, 30.7422, 25.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 94, 132) }
```

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

```
.background{ background-color: rgb(254, 94,  
132) }
```

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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