

Converting Colors

XYZ(49.2697, 33.5187, 22.5660)

Have a look what the booklet for
XYZ(49.2697, 33.5187, 22.5660)
contains.

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Color

**XYZ(49.1530, 33.5276,
22.6197)**

Conversions

Conversions Part 1

Format	Color
Hex	FB707B
RGB	251, 112, 123
RGB Percent	98%, 44%, 48%
CMY	0.0157, 0.5608, 0.5176
CMYK	0.00, 0.55, 0.51, 0.02
HSL	355°, 95%, 71%
HSV	355°, 55%, 98%
XYZ	49.1530, 33.5276, 22.6197
YIQ	154.8150, 79.3130, 32.8890

Conversions

Conversions Part 2

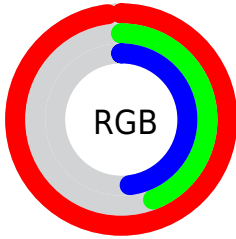
Format	Color
R _Y B	251, 112, 123
Decimal	16478331
CIE Lab	64.59, 53.98, 20.49
CIE LCh	65, 57.740, 20.785
Yxy	33.5276, 0.4668, 0.3184
Android (android.graphics.Color)	4294668411 (0xFFFB707B)
YUV	154.8150, -15.6848, 84.3542
Hunter-Lab	57.9030, 50.1957, 17.3706

Details

The XYZ color **49.1530, 33.5276, 22.6197** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.9095, 78.7312, 94.6408**, and the grayscale version is **31.1176, 32.7382, 35.6519**.

A 20% lighter version of the original color is **62.9805, 52.3604, 47.3446**, and **23.8854, 14.2699, 7.9740** is the 20% darker color. If you saturate the color by 10%, you get **45.4791, 28.2286, 15.0793**, and if you desaturate by 10%, it is **53.9419, 40.5102, 32.2175**.

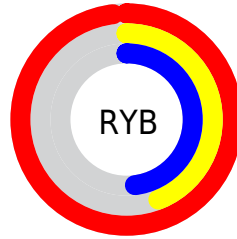
Distribution



Red (98%)

Green (44%)

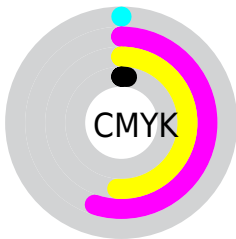
Blue (48%)



Red (98%)

Yellow (44%)

Blue (48%)

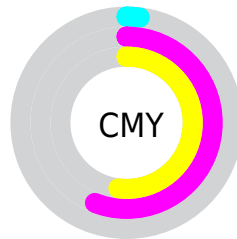


Cyan (0%)

Magenta (55%)

Yellow (51%)

Black (2%)



Cyan (2%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1530, 33.5276, 22.6197 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 49.1530, 33.5276, 22.6197 by changing the saturation by 10% instead.


 49.1530, 33.5276,
22.6197


 49.1530, 33.5276,
22.6197

373.8513,
318.0205, 278.8240

 34.9559, 22.5309,
14.1103


 88.1180, 65.1984,
48.6834

 23.7953, 14.2475,
8.0578


 113.6166, 86.6413,
67.0747

 15.3057, 8.2930,
4.0436


 143.6131,
112.3350, 89.5971

 9.1219, 4.2830,
1.6493

178.4729,
142.6640, 116.6691

 4.8786, 1.8331,
0.3257

218.5612,
178.0127, 148.7093

 2.2102, 0.5077,
0.0000

264.2435,

 0.7481, 0.0000,

218.7654, 186.1361

0.0000

315.8851,
265.3065, 229.3682

■ 0.0000, 0.0000,
0.0000

■ 49.1530, 33.5276,
22.6197

■ 49.1530, 33.5276,
22.6197

■ 45.4791, 28.2286,
15.0793

■ 53.9419, 40.5102,
32.2175

■ 42.8273, 24.4662,
9.4441

■ 59.9237, 49.2965,
44.0065

■ 41.0939, 22.0774,
5.5433

■ 67.1721, 60.0018,
58.1112

■ 40.1517, 20.8593,
3.1749

■ 75.7542, 72.7304,
74.6462

■ 39.9085, 20.5592,
2.5198

■ 85.7323, 87.5791,
93.7185

93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



50.2683, 33.5276, 44.2898



49.1530, 33.5276, 22.6197



43.0071, 33.5276, 11.3787

Triad

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



49.1530, 33.5276, 22.6197



21.0721, 33.5276, 14.6295



29.3893, 33.5276, 102.3798

Complementary

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



49.1530, 33.5276, 22.6197



56.9095, 78.7312, 94.6408

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.



22.8387, 33.5276, 84.3405



49.1530, 33.5276, 22.6197



18.6135, 33.5276, 29.6919

Square

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



49.1530, 33.5276, 22.6197



26.5537, 33.5276, 8.3463



19.1990, 33.5276, 55.1557



37.8456, 33.5276, 97.7294

Rectangle

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



49.1530, 33.5276, 22.6197



37.3884, 33.5276, 8.1878



19.1990, 33.5276, 55.1557



26.9178, 33.5276, 98.5543

Sweetspot

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



49.1538, 33.5294, 22.6203



76.9719, 73.0825, 74.3924



58.9452, 36.9786, 95.2974



16.0780, 15.0531, 15.1593



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.



49.1538, 33.5294, 22.6203



46.9247, 28.9482, 15.1737



57.0686, 50.3992, 22.0518



17.3003, 17.2475, 18.1712



20.9976, 10.8148, 1.4299



1.9633, 1.0091, 0.2303

Inverse Universe

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



49.1538, 33.5294, 22.6203



46.9247, 28.9482, 15.1737



43.1848, 48.5885, 98.3690



17.3003, 17.2475, 18.1712



20.9976, 10.8148, 1.4299



1.9633, 1.0091, 0.2303

Previews

White Background



This preview shows how the XYZ color 49.1530, 33.5276, 22.6197 looks on a white background.

Color Contrast Check

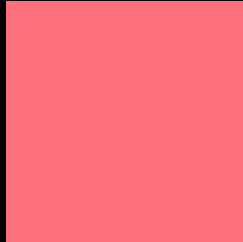
Large Text (above 18pt) WCAG AA × Fail

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 49.1530, 33.5276, 22.6197 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 49.1530, 33.5276, 22.6197

Background



This preview shows how black text looks on a background with the XYZ color 49.1530, 33.5276, 22.6197.



This preview shows how white text looks on a background with the XYZ color 49.1530, 33.5276,

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

49.1530, 33.5276, 22.6197

Protanopia

32.1036, 33.6078, 31.5830

Deuteranopia

34.2851, 33.7319, 21.5335



Tritanopia

48.9680, 33.4536, 21.6456

Trichromacy



Original Color

49.1530, 33.5276, 22.6197

Protanomaly

36.3991, 32.1644, 27.9568

Deuteranomaly

38.5699, 32.7785, 21.7468

Tritanomaly

49.0290, 33.4780, 21.9670

Monochromacy



Original Color

49.1530, 33.5276, 22.6197

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.4257, 31.3956, 30.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1530, 33.5276, 22.6197 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(251, 112, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 112, 123)  
}
```

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(251, 112, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 112, 123) }
```

Border

The CSS property to change the border of an element to XYZ 49.1530, 33.5276, 22.6197 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(251, 112, 123) }
```


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

```
.border{ border-color:rgb(251, 112, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 112, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 112, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 112, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 112,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1530, 33.5276, 22.6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 112, 123) }
```

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

```
.background{ background-color: rgb(251,  
112, 123) }
```

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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