

Converting Colors

XYZ(47.3861, 30.0411, 21.8837)

Have a look what the booklet for
XYZ(47.3861, 30.0411, 21.8837)
contains.

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Color

**XYZ(47.4510, 30.1237,
22.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5F7B
RGB	251, 95, 123
RGB Percent	98%, 37%, 48%
CMY	0.0157, 0.6274, 0.5176
CMYK	0.00, 0.62, 0.51, 0.02
HSL	349°, 95%, 68%
HSV	349°, 62%, 98%
XYZ	47.4510, 30.1237, 22.0524
YIQ	144.8360, 83.9880, 41.7800

Conversions

Conversions Part 2

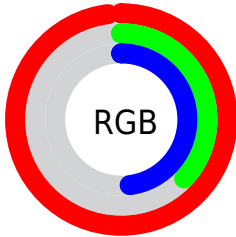
Format	Color
R _Y B	251, 95, 123
Decimal	16473979
CIE Lab	61.76, 61.47, 16.62
CIE LCh	62, 63.679, 15.127
Yxy	30.1237, 0.4763, 0.3024
Android (android.graphics.Color)	4294664059 (0xFFFB5F7B)
YUV	144.8360, -10.7651, 93.1058
Hunter-Lab	54.8851, 58.2737, 14.5973

Details

The XYZ color **47.4510, 30.1237, 22.0524** 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 **52.5378, 76.7557, 81.8643**, and the grayscale version is **26.8668, 28.2660, 30.7817**.

A 20% lighter version of the original color is **60.2061, 46.8116, 46.4198**, and **22.7728, 12.3598, 7.8420** is the 20% darker color. If you saturate the color by 10%, you get **44.3864, 25.8455, 15.3251**, and if you desaturate by 10%, it is **51.5164, 35.9697, 30.4519**.

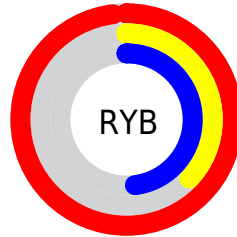
Distribution



Red (98%)

Green (37%)

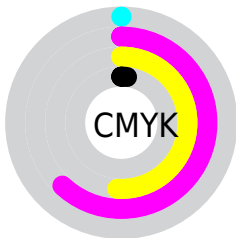
Blue (48%)



Red (98%)

Yellow (37%)

Blue (48%)

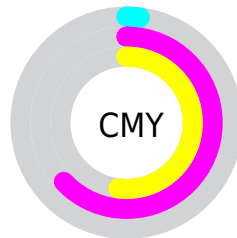


Cyan (0%)

Magenta (62%)

Yellow (51%)

Black (2%)



Cyan (2%)


Magenta (63%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4510, 30.1237, 22.0524 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 47.4510, 30.1237, 22.0524 by changing the saturation by 10% instead.


 47.4510, 30.1237,
22.0524

 47.4510, 30.1237,
22.0524


367.2308,
302.4806, 275.7822


 33.6018, 19.9325,
13.6967


 85.6011, 59.8577,
47.7359


 22.7493, 12.3460,
7.7737


 110.6327, 80.1694,
65.9008

 14.5282, 6.9798,
3.8648


 140.1224,
104.6233, 88.1725

 8.5731, 3.4494,
1.5515

 174.4356,
133.6039, 114.9696

 4.5186, 1.3706,
0.2558

213.9377,
167.4955, 146.7105

 1.9995, 0.1949,
0.0000

258.9940,

 0.6337, 0.0000,

206.6825, 183.8139

0.0000

309.9699,
251.5495, 226.6983

■ 0.0000, 0.0000,
0.0000

■ 47.4510, 30.1237,
22.0524

■ 47.4510, 30.1237,
22.0524

■ 44.3864, 25.8455,
15.3251

■ 51.5164, 35.9697,
30.4519

■ 42.2304, 22.9777,
10.1539

■ 56.6592, 43.5113,
40.6255

■ 40.8766, 21.3385,
6.4093

■ 62.9509, 52.8686,
52.6688

■ 40.2579, 20.6989,
4.3601

■ 70.4564, 64.1494,
66.6699

■ 79.2354, 77.4532,
82.7113

89.3437, 92.8725,
100.8707

93.5935, 99.2491,
108.8318

Harmonies

Analogous

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



47.4773, 30.1237, 46.3174



47.4510, 30.1237, 22.0524



41.7575, 30.1237, 9.5763

Triad

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



47.4510, 30.1237, 22.0524



18.5540, 30.1237, 9.6411



24.6440, 30.1237, 101.8787

Complementary

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



47.4510, 30.1237, 22.0524



52.5378, 76.7557, 81.8643

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.



18.5925, 30.1237, 78.3196



47.4510, 30.1237, 22.0524



15.5783, 30.1237, 22.2067

Square

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



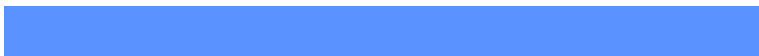
47.4510, 30.1237, 22.0524



24.5807, 30.1237, 5.2077



15.5908, 30.1237, 46.5703



33.1050, 30.1237, 101.7644

Rectangle

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



47.4510, 30.1237, 22.0524



36.0586, 30.1237, 6.0452



15.5908, 30.1237, 46.5703



22.3017, 30.1237, 96.0963

Sweetspot

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



47.4518, 30.1254, 22.0529



75.7411, 70.5868, 74.0871



51.7529, 30.7442, 94.4730



15.6813, 14.3067, 14.8823



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.



47.4518, 30.1254, 22.0529



45.2672, 25.7818, 14.1627



51.8844, 41.4054, 16.0862



17.3718, 17.2761, 18.5475



21.1986, 10.8952, 2.4885



1.9971, 1.0226, 0.4082

Inverse Universe

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



47.4518, 30.1254, 22.0529



45.2672, 25.7818, 14.1627



43.1602, 51.4533, 98.9231



17.3718, 17.2761, 18.5475



21.1986, 10.8952, 2.4885



1.9971, 1.0226, 0.4082

Previews

White Background



This preview shows how the XYZ color 47.4510, 30.1237, 22.0524 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 47.4510, 30.1237, 22.0524 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 47.4510, 30.1237, 22.0524

Background



This preview shows how black text looks on a background with the XYZ color 47.4510, 30.1237, 22.0524.



This preview shows how white text looks on a background with the XYZ color 47.4510, 30.1237,

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

47.4510, 30.1237, 22.0524

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

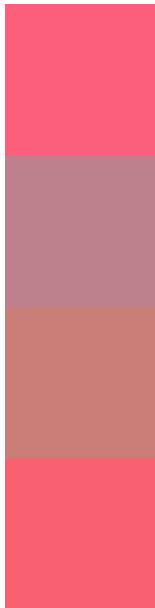
30.6540, 30.0198, 20.7018



Tritanopia

46.3418, 30.0793, 16.7280

Trichromacy



Original Color

47.4510, 30.1237, 22.0524

Protanomaly

33.3229, 28.2853, 28.5142

Deuteranomaly

35.4192, 28.9501, 21.1739

Tritanomaly

46.6237, 30.0432, 18.6708

Monochromacy



Original Color

47.4510, 30.1237, 22.0524

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.8719, 27.1752, 27.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4510, 30.1237, 22.0524 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, 95, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 95, 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, 95, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 95, 123) }
```

Border

The CSS property to change the border of an element to XYZ 47.4510, 30.1237, 22.0524 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, 95, 123) }
```


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

```
.border{ border-color:rgb(251, 95, 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, 95, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 95, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 95, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 95,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4510, 30.1237, 22.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 95, 123) }
```

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

```
.background{ background-color: rgb(251, 95,  
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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