

Converting Colors

XYZ(50.9882, 36.8043, 24.5265)

Have a look what the booklet for
XYZ(50.9882, 36.8043, 24.5265)
contains.

XYZ(50.9480, 36.7088, 24.4789)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.9480, 36.7088,
24.4789)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7D7F
RGB	251, 125, 127
RGB Percent	98%, 49%, 50%
CMY	0.0157, 0.5098, 0.5020
CMYK	0.00, 0.50, 0.49, 0.02
HSL	359°, 94%, 74%
HSV	359°, 50%, 98%
XYZ	50.9480, 36.7088, 24.4789
YIQ	162.9020, 74.4540, 27.3340

Conversions

Conversions Part 2

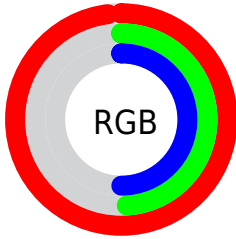
Format	Color
RYB	251, 125, 127
Decimal	16481663
CIELab	67.06, 48.15, 21.59
CIElCh	67, 52.773, 24.151
Yxy	36.7088, 0.4543, 0.3274
Android (android.graphics.Color)	4294671743 (0xFFFFB7D7F)
YUV	162.9020, -17.6997, 77.2619
Hunter-Lab	60.5878, 44.0712, 18.4569

Details

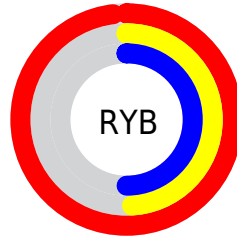
The XYZ color **50.9480, 36.7088, 24.4789** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0555, 80.1946, 101.9418**, and the grayscale version is **34.8240, 36.6375, 39.8983**.

A 20% lighter version of the original color is **65.7995, 57.1978, 50.7523**, and **24.8636, 16.0037, 8.9863** is the 20% darker color. If you saturate the color by 10%, you get **46.7449, 30.5711, 16.0851**, and if you desaturate by 10%, it is **56.3503, 44.6136, 35.2200**.

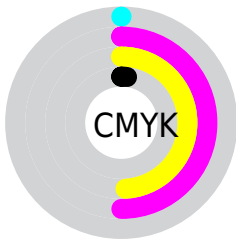
Distribution



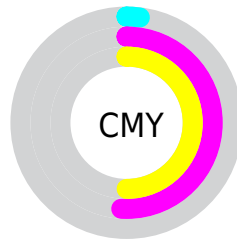
- Red (98%)
- Green (49%)
- Blue (50%)



- Red (98%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9480, 36.7088, 24.4789 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 50.9480, 36.7088, 24.4789 by changing the saturation by 10% instead.


 50.9480, 36.7088,
24.4789

 50.9480, 36.7088,
24.4789


380.7527,
332.0481, 288.5969

 36.3881, 24.9821,
15.4738


 90.7614, 70.1247,
51.7642

 24.9056, 16.0637,
9.0023

 116.7455, 92.5827,
70.8814

 16.1351, 9.5693,
4.6458


 147.2685,
119.3866, 94.2064

 9.7112, 5.1143,
1.9859

182.6956,
150.9207, 122.1577

 5.2687, 2.3145,
0.5466

223.3922,
187.5695, 155.1539

 2.4421, 0.7814,
0.0000

269.7237,

 0.8662, 0.0000,

229.7175, 193.6134

0.0000

322.0554,
277.7488, 237.9549

■ 0.0000, 0.0000,
0.0000

■ 50.9480, 36.7088,
24.4789

■ 50.9480, 36.7088,
24.4789

■ 46.7449, 30.5711,
16.0851

■ 56.3503, 44.6136,
35.2200

■ 43.6472, 26.0596,
9.8614

■ 63.0307, 54.4008,
48.4640

■ 41.5518, 23.0215,
5.6087

■ 71.0646, 66.1827,
64.3550

■ 40.3346, 21.2725,
3.0906

■ 80.5208, 80.0610,
83.0262

■ 39.8052, 20.5178,
1.9764

■ 91.4634, 96.1309,
104.6014

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.



52.6005, 36.7088, 44.6436



50.9480, 36.7088, 24.4789



44.7293, 36.7088, 13.7856

Triad

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



50.9480, 36.7088, 24.4789



23.8189, 36.7088, 19.2742



33.3419, 36.7088, 102.0128

Complementary

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



50.9480, 36.7088, 24.4789



60.0555, 80.1946, 101.9418

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.



26.6121, 36.7088, 87.5520



50.9480, 36.7088, 24.4789



21.6823, 36.7088, 35.6338

Square

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



50.9480, 36.7088, 24.4789



28.9508, 36.7088, 11.6875



22.6206, 36.7088, 60.9125



41.5920, 36.7088, 95.3683

Rectangle

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



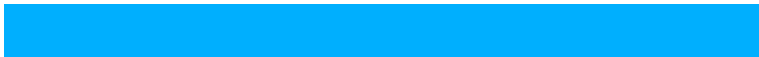
50.9480, 36.7088, 24.4789



39.2762, 36.7088, 10.7498



22.6206, 36.7088, 60.9125



30.8443, 36.7088, 99.3292

Sweetspot

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



50.9489, 36.7107, 24.4796



78.5591, 75.7852, 76.3755



63.7783, 41.7556, 95.9645



16.3782, 15.5804, 15.4853



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.



50.9489, 36.7107, 24.4796



48.5115, 31.7708, 16.7844



61.0243, 57.0673, 27.2035



17.2558, 17.2297, 17.9366



20.9283, 10.7870, 1.0648



1.9421, 1.0006, 0.1186

Inverse Universe

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



50.9489, 36.7107, 24.4796



48.5115, 31.7708, 16.7844



44.3070, 48.1974, 98.2341



17.2558, 17.2297, 17.9366



20.9283, 10.7870, 1.0648



1.9421, 1.0006, 0.1186

Previews

White Background



This preview shows how the XYZ color 50.9480, 36.7088, 24.4789 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 50.9480, 36.7088, 24.4789 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 50.9480, 36.7088, 24.4789

Background



This preview shows how black text looks on a background with the XYZ color 50.9480, 36.7088, 24.4789.



This preview shows how white text looks on a background with the XYZ color 50.9480, 36.7088,

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

50.9480, 36.7088, 24.4789

Protanopia

35.0026, 36.8966, 32.0650

Deuteranopia

37.5621, 36.8565, 23.5466



Tritanopia

51.2250, 36.6180, 26.5584

Trichromacy



Original Color

50.9480, 36.7088, 24.4789

Protanomaly

39.1543, 35.6092, 28.8544

Deuteranomaly

41.4950, 36.0022, 23.8309

Tritanomaly

51.0880, 36.5632, 25.8375

Monochromacy



Original Color

50.9480, 36.7088, 24.4789

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.7581, 35.2990, 33.6248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9480, 36.7088, 24.4789 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, 125, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 125, 127)  
}
```

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, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 125, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.9480, 36.7088, 24.4789 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, 125, 127) }
```


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

```
.border{ border-color:rgb(251, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 125,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9480, 36.7088, 24.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 125, 127) }
```

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

```
.background{ background-color: rgb(251,  
125, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor