

Converting Colors

XYZ(52.6515, 36.3810, 29.4529)

Have a look what the booklet for
XYZ(52.6515, 36.3810, 29.4529)
contains.

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Color

**XYZ(52.6445, 36.3767,
29.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF778D
RGB	255, 119, 141
RGB Percent	100%, 47%, 55%
CMY	0.0000, 0.5333, 0.4471
CMYK	0.00, 0.53, 0.45, 0.00
HSL	350°, 100%, 73%
HSV	350°, 53%, 100%
XYZ	52.6445, 36.3767, 29.4460
YIQ	162.1720, 73.9940, 35.6740

Conversions

Conversions Part 2

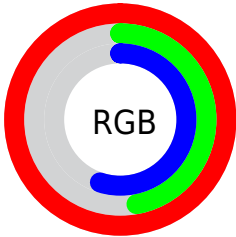
Format	Color
RYB	255, 119, 141
Decimal	16742285
CIELab	66.81, 53.70, 13.43
CIElCh	67, 55.351, 14.047
Yxy	36.3767, 0.4444, 0.3071
Android (android.graphics.Color)	4294932365 (0xFFFF778D)
YUV	162.1720, -10.4378, 81.4102
Hunter-Lab	60.3131, 50.2564, 13.2727

Details

The XYZ color **52.6445, 36.3767, 29.4460** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.0777, 81.3259, 89.7325**, and the grayscale version is **34.4475, 36.2415, 39.4670**.

A 20% lighter version of the original color is **66.3076, 55.8150, 58.3175**, and **25.9699, 15.8915, 11.5961** is the 20% darker color. If you saturate the color by 10%, you get **48.5664, 30.5251, 20.9823**, and if you desaturate by 10%, it is **57.8454, 43.9828, 39.7990**.

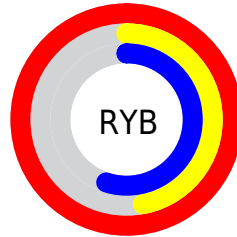
Distribution



Red (100%)

Green (47%)

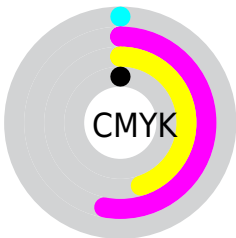
Blue (55%)



Red (100%)

Yellow (47%)

Blue (55%)

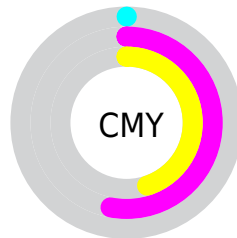


Cyan (0%)

Magenta (53%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6445, 36.3767, 29.4460 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 52.6445, 36.3767, 29.4460 by changing the saturation by 10% instead.


 52.6445, 36.3767,
29.4460

 52.6445, 36.3767,
29.4460


387.2029,
330.6040, 313.4401


 37.7454, 24.7253,
19.1700

 93.2497, 69.6131,
59.8356

 25.9615, 15.8725,
11.6151


 119.6864, 91.9669,
80.7862

 16.9273, 9.4340,
6.3628


 150.6998,
118.6568, 106.1321

 10.2777, 5.0253,
2.9946

186.6551,
150.0675, 136.2919

 5.6471, 2.2621,
1.0919

227.9177,
186.5831, 171.6840

 2.6703, 0.7535,
0.0000


274.8530,


 0.9819, 0.0000,


228.5881, 212.7271


0.0000


327.8263,
276.4670, 259.8396


 0.0000, 0.0000,
0.0000


 52.6445, 36.3767,
29.4460


 52.6445, 36.3767,
29.4460


 48.5664, 30.5251,
20.9823


 57.8454, 43.9828,
39.7990


 45.5239, 26.2817,
14.2904


 64.2419, 53.4627,
52.1451

 43.4210, 23.4862,
9.2423

 71.9040, 64.9322,
66.5827

 42.1420, 21.9417,
5.6912

 80.8953, 78.4958,
83.2030

 41.6443, 21.4217,
4.0596

 91.2752, 94.2508,
102.0918

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.4614, 36.3767, 53.6668



52.6445, 36.3767, 29.4460



47.4732, 36.3767, 15.4373

Triad

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



52.6445, 36.3767, 29.4460



24.5541, 36.3767, 14.8662



30.3397, 36.3767, 102.4631

Complementary

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



52.6445, 36.3767, 29.4460



58.0777, 81.3259, 89.7325

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.



24.2541, 36.3767, 81.0445



52.6445, 36.3767, 29.4460



21.3006, 36.3767, 28.2477

Square

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



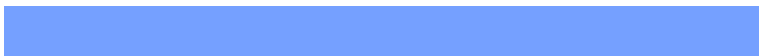
52.6445, 36.3767, 29.4460



30.8159, 36.3767, 9.6190



21.2004, 36.3767, 51.8743



38.6279, 36.3767, 103.2124

Rectangle

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



52.6445, 36.3767, 29.4460



42.1030, 36.3767, 10.9481



21.2004, 36.3767, 51.8743



28.0024, 36.3767, 97.1464

Sweetspot

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



52.6454, 36.3786, 29.4467



78.3615, 74.6641, 78.5473



58.0351, 37.6274, 98.8115



16.3687, 15.3714, 16.0674



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.



52.6454, 36.3786, 29.4467



48.3313, 30.1923, 20.4801



57.9063, 49.2643, 23.9123



18.1292, 18.0350, 19.2973



21.7952, 11.2074, 2.3059



2.1546, 1.1042, 0.3956

Inverse Universe

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



52.6454, 36.3786, 29.4467



48.3313, 30.1923, 20.4801



48.6238, 57.0725, 103.0608



18.1292, 18.0350, 19.2973



21.7952, 11.2074, 2.3059



2.1546, 1.1042, 0.3956

Previews

White Background



This preview shows how the XYZ color 52.6445, 36.3767, 29.4460 looks on a white background.

Color Contrast Check

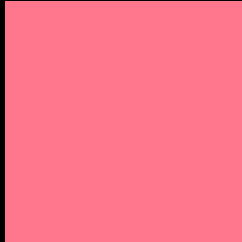
Large Text (above 18pt) WCAG AA × Fail

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 52.6445, 36.3767, 29.4460 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 52.6445, 36.3767, 29.4460

Background



This preview shows how black text looks on a background with the XYZ color 52.6445, 36.3767, 29.4460.



This preview shows how white text looks on a background with the XYZ color 52.6445, 36.3767,

29.4460.

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

52.6445, 36.3767, 29.4460

Protanopia

35.1382, 36.5203, 40.3191

Deuteranopia

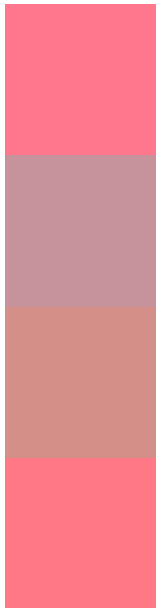
37.1692, 36.5546, 28.0184



Tritanopia

51.6729, 36.3306, 25.0579

Trichromacy



Original Color

52.6445, 36.3767, 29.4460

Protanomaly

39.5683, 34.9638, 36.1157

Deuteranomaly

41.4892, 35.4481, 28.3224

Tritanomaly

51.8232, 36.1972, 26.4457

Monochromacy



Original Color

52.6445, 36.3767, 29.4460

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.8766, 34.6266, 35.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6445, 36.3767, 29.4460 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, 119, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 141)  
}
```

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, 119, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 141) }
```

Border

The CSS property to change the border of an element to XYZ 52.6445, 36.3767, 29.4460 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, 119, 141) }
```


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

```
.border{ border-color:rgb(255, 119, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6445, 36.3767, 29.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 141) }
```

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

```
.background{ background-color: rgb(255,  
119, 141) }
```

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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