

Converting Colors

XYZ(52.4103, 35.7311, 29.8999)

Have a look what the booklet for
XYZ(52.4103, 35.7311, 29.8999)
contains.

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Color

**XYZ(52.3679, 35.7038,
29.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	FF748E
RGB	255, 116, 142
RGB Percent	100%, 45%, 56%
CMY	0.0000, 0.5451, 0.4431
CMYK	0.00, 0.55, 0.44, 0.00
HSL	349°, 100%, 73%
HSV	349°, 55%, 100%
XYZ	52.3679, 35.7038, 29.7226
YIQ	160.5250, 74.4980, 37.5540

Conversions

Conversions Part 2

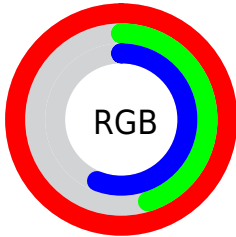
Format	Color
R _Y B	255, 116, 142
Decimal	16741518
CIE Lab	66.29, 55.19, 12.14
CIE LCh	66, 56.510, 12.411
Yxy	35.7038, 0.4446, 0.3031
Android (android.graphics.Color)	4294931598 (0xFFFF748E)
YUV	160.5250, -9.1328, 82.8546
Hunter-Lab	59.7527, 51.8723, 12.3344

Details

The XYZ color **52.3679, 35.7038, 29.7226** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.1074, 80.8910, 86.7378**, and the grayscale version is **33.6741, 35.4278, 38.5808**.

A 20% lighter version of the original color is **65.9563, 54.7506, 59.3162**, and **25.7958, 15.4738, 11.7524** is the 20% darker color. If you saturate the color by 10%, you get **48.4069, 30.0454, 21.4240**, and if you desaturate by 10%, it is **57.4268, 43.0947, 39.8160**.

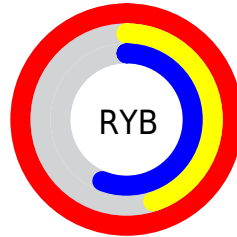
Distribution



Red (100%)

Green (45%)

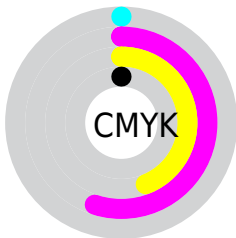
Blue (56%)



Red (100%)

Yellow (45%)

Blue (56%)

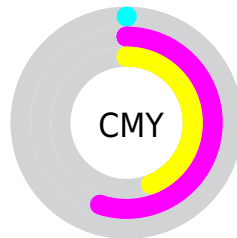


Cyan (0%)

Magenta (55%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3679, 35.7038, 29.7226 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 52.3679, 35.7038, 29.7226 by changing the saturation by 10% instead.


 52.3679, 35.7038,
29.7226


 52.3679, 35.7038,
29.7226


386.1559,
327.6641, 314.7762


 37.5239, 24.2055,
19.3779


 92.8446, 68.5746,
60.2790

 25.7889, 15.4861,
11.7641


 119.2080, 90.7160,
81.3278

 16.7976, 9.1613,
6.4626


 150.1418,
117.1738, 106.7816

 10.1847, 4.8465,
3.0551

186.0116,
148.3325, 137.0591

 5.5848, 2.1575,
1.1228

227.1825,
184.5765, 172.5788

 2.6325, 0.6967,
0.0000

274.0199,

 0.9626, 0.0000,

226.2902, 213.7592

0.0000

326.8893,
273.8579, 261.0188

■ 0.0000, 0.0000,
0.0000

■ 52.3679, 35.7038,
29.7226

■ 52.3679, 35.7038,
29.7226

■ 48.4069, 30.0454,
21.4240

■ 57.4268, 43.0947,
39.8160

■ 45.4571, 25.9721,
14.8109

■ 63.6557, 52.3387,
51.8004

■ 43.4231, 23.3210,
9.7648

■ 71.1238, 63.5518,
65.7673

■ 42.1885, 21.8908,
6.1497

■ 79.8940, 76.8392,
81.8018

■ 41.7670, 21.4708,
4.7055

■ 90.0248, 92.2986,
99.9838

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



51.8630, 35.7038, 54.6696



52.3679, 35.7038, 29.7226



47.3743, 35.7038, 15.2092

Triad

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



52.3679, 35.7038, 29.7226



24.1298, 35.7038, 13.6763



29.2663, 35.7038, 102.0924

Complementary

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



52.3679, 35.7038, 29.7226



57.1074, 80.8910, 86.7378

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.



23.3137, 35.7038, 79.3720



52.3679, 35.7038, 29.7226



20.7037, 35.7038, 26.4601

Square

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



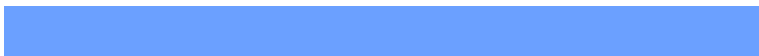
52.3679, 35.7038, 29.7226



30.5676, 35.7038, 8.8684



20.4320, 35.7038, 49.7372



37.5418, 35.7038, 104.1741

Rectangle

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



52.3679, 35.7038, 29.7226



42.0148, 35.7038, 10.5293



20.4320, 35.7038, 49.7372



26.9644, 35.7038, 96.2859

Sweetspot

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



52.3688, 35.7057, 29.7232



78.4992, 74.7192, 79.2727



56.0385, 36.0764, 98.6175



16.4011, 15.3844, 16.2381



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.



52.3688, 35.7057, 29.7232



48.2384, 29.8085, 21.0590



56.5695, 46.8746, 22.5917



18.1481, 18.0426, 19.3971



21.8637, 11.2348, 2.6665



2.1640, 1.1080, 0.4451

Inverse Universe

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



52.3688, 35.7057, 29.7232



48.2384, 29.8085, 21.0590



49.1239, 58.6743, 103.3438



18.1481, 18.0426, 19.3971



21.8637, 11.2348, 2.6665



2.1640, 1.1080, 0.4451

Previews

White Background



This preview shows how the XYZ color 52.3679, 35.7038, 29.7226 looks on a white background.

Color Contrast Check

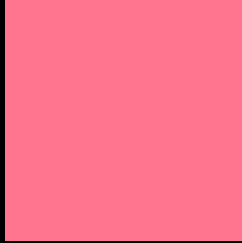
Large Text (above 18pt) WCAG AA × Fail

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 52.3679, 35.7038, 29.7226 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 52.3679, 35.7038, 29.7226

Background



This preview shows how black text looks on a background with the XYZ color 52.3679, 35.7038, 29.7226.



This preview shows how white text looks on a background with the XYZ color 52.3679, 35.7038,

29.7226.

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

52.3679, 35.7038, 29.7226

Protanopia

34.7321, 36.0294, 41.2002

Deuteranopia

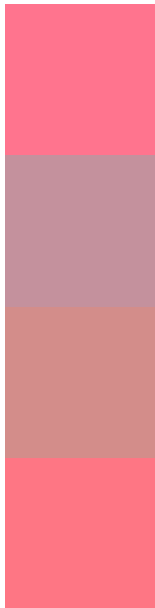
36.4150, 35.6594, 28.2562



Tritanopia

51.3006, 35.7968, 24.2843

Trichromacy



Original Color

52.3679, 35.7038, 29.7226

Protanomaly

38.9762, 34.4209, 36.4879

Deuteranomaly

40.9763, 34.7336, 28.5893

Tritanomaly

51.5163, 35.6936, 26.0041

Monochromacy



Original Color

52.3679, 35.7038, 29.7226

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.4638, 34.1860, 35.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3679, 35.7038, 29.7226 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, 116, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 142)  
}
```

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, 116, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 142) }
```

Border

The CSS property to change the border of an element to XYZ 52.3679, 35.7038, 29.7226 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, 116, 142) }
```


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

```
.border{ border-color:rgb(255, 116, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3679, 35.7038, 29.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 142) }
```

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

```
.background{ background-color: rgb(255,  
116, 142) }
```

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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