

Converting Colors

XYZ(51.7600, 35.2958, 27.0298)

Have a look what the booklet for
XYZ(51.7600, 35.2958, 27.0298)
contains.

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Color

**XYZ(51.7439, 35.2707,
27.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7387
RGB	255, 115, 135
RGB Percent	100%, 45%, 53%
CMY	0.0000, 0.5490, 0.4706
CMYK	0.00, 0.55, 0.47, 0.00
HSL	351°, 100%, 73%
HSV	351°, 55%, 100%
XYZ	51.7439, 35.2707, 27.0024
YIQ	159.1400, 77.0200, 35.9000

Conversions

Conversions Part 2

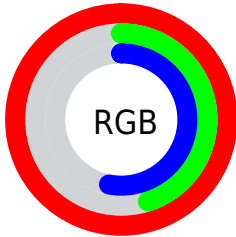
Format	Color
RYB	255, 115, 135
Decimal	16741255
CIELab	65.96, 55.00, 15.65
CIELCh	66, 57.180, 15.889
Yxy	35.2707, 0.4538, 0.3093
Android (android.graphics.Color)	4294931335 (0xFFFF7387)
YUV	159.1400, -11.9010, 84.0692
Hunter-Lab	59.3891, 51.5905, 14.6151

Details

The XYZ color **51.7439, 35.2707, 27.0024** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.8276, 81.1638, 91.2209**, and the grayscale version is **33.0479, 34.7690, 37.8634**.

A 20% lighter version of the original color is **64.8800, 54.0167, 54.5837**, and **25.4918, 15.2691, 10.4078** is the 20% darker color. If you saturate the color by 10%, you get **47.8434, 29.6851, 18.8731**, and if you desaturate by 10%, it is **56.7662, 42.5945, 37.0649**.

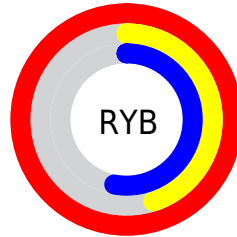
Distribution



Red (100%)

Green (45%)

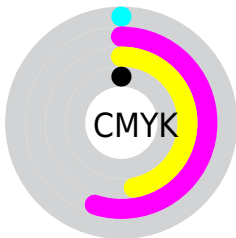
Blue (53%)



Red (100%)

Yellow (45%)

Blue (53%)

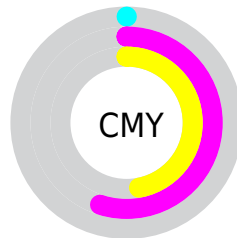


Cyan (0%)

Magenta (55%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7439, 35.2707, 27.0024 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 51.7439, 35.2707, 27.0024 by changing the saturation by 10% instead.


 51.7439, 35.2707,
27.0024


 51.7439, 35.2707,
27.0024


383.7873,
325.7616, 301.4293


 37.0244, 23.8715,
17.3426


 91.9299, 67.9049,
55.8915

 25.4002, 15.2383,
10.3145

 118.1271, 89.9087,
75.9579

 16.5058, 8.9868,
5.4997


 148.8810,
116.2161, 100.3301

 9.9759, 4.7326,
2.4795

184.5569,
147.2116, 129.4269

 5.4451, 2.0912,
0.8293

225.5201,
183.2794, 163.6666

 2.5481, 0.6597,
0.0000

272.1360,

 0.9196, 0.0000,

224.8041, 203.4679

0.0000

324.7700,
272.1700, 249.2493

■ 0.0000, 0.0000,
0.0000

■ 51.7439, 35.2707,
27.0024

■ 51.7439, 35.2707,
27.0024

■ 47.8434, 29.6851,
18.8731

■ 56.7662, 42.5945,
37.0649

■ 44.9744, 25.6879,
12.5498

■ 62.9857, 51.7786,
49.1726

■ 43.0368, 23.1139,
7.8930

■ 70.4744, 62.9407,
63.4313

■ 41.9086, 21.7579,
4.7406

■ 79.2979, 76.1870,
79.9386

■ 41.5648, 21.3899,
3.6406

■ 89.5170, 91.6165,
98.7863

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.



51.9186, 35.2707, 50.9282



51.7439, 35.2707, 27.0024



46.1788, 35.2707, 13.7143

Triad

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



51.7439, 35.2707, 27.0024



23.1417, 35.2707, 14.2355



29.7095, 35.2707, 103.6810

Complementary

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



51.7439, 35.2707, 27.0024



57.8276, 81.1638, 91.2209

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.



23.4218, 35.2707, 82.5429



51.7439, 35.2707, 27.0024



20.0852, 35.2707, 28.1221

Square

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



51.7439, 35.2707, 27.0024



29.2618, 35.2707, 8.7519



20.1782, 35.2707, 52.6330



38.1806, 35.2707, 102.9570

Rectangle

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



51.7439, 35.2707, 27.0024



40.6230, 35.2707, 9.6329



20.1782, 35.2707, 52.6330



27.3039, 35.2707, 98.6075

Sweetspot

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



51.7448, 35.2726, 27.0030



78.2590, 74.6232, 78.0078



58.1136, 36.9759, 98.6817



16.3446, 15.3618, 15.9405



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.



51.7448, 35.2726, 27.0030



47.4787, 29.1698, 18.0906



57.6113, 49.0507, 22.6534



18.1150, 18.0293, 19.2229



21.7503, 11.1894, 2.0694



2.1480, 1.1016, 0.3609

Inverse Universe

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



51.7448, 35.2726, 27.0030



47.4787, 29.1698, 18.0906



47.1932, 55.0093, 102.7380



18.1150, 18.0293, 19.2229



21.7503, 11.1894, 2.0694



2.1480, 1.1016, 0.3609

Previews

White Background



This preview shows how the XYZ color 51.7439, 35.2707, 27.0024 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 51.7439, 35.2707, 27.0024 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 51.7439, 35.2707, 27.0024

Background



This preview shows how black text looks on a background with the XYZ color 51.7439, 35.2707, 27.0024.

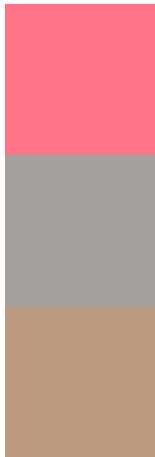


This preview shows how white text looks on a background with the XYZ color 51.7439, 35.2707,

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

51.7439, 35.2707, 27.0024

Protanopia

34.0522, 35.5027, 37.4057

Deuteranopia

36.0116, 35.2610, 25.6769



Tritanopia

50.9360, 35.2741, 23.5260

Trichromacy



Original Color

51.7439, 35.2707, 27.0024

Protanomaly

38.5042, 34.0188, 33.3911

Deuteranomaly

40.6262, 34.3919, 25.9698

Tritanomaly

51.0809, 35.1466, 24.8606

Monochromacy



Original Color

51.7439, 35.2707, 27.0024

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.5756, 33.3163, 33.3044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7439, 35.2707, 27.0024 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, 115, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 135)  
}
```

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, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 51.7439, 35.2707, 27.0024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

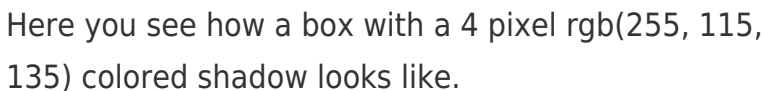
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 115, 135) }
```


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

```
.border{ border-color:rgb(255, 115, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7439, 35.2707, 27.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 135) }
```

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

```
.background{ background-color: rgb(255,  
115, 135) }
```

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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