

Converting Colors

XYZ(51.8452, 35.4938, 26.9732)

Have a look what the booklet for
XYZ(51.8452, 35.4938, 26.9732)
contains.

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Color

**XYZ(51.8586, 35.5001,
27.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7487
RGB	255, 116, 135
RGB Percent	100%, 45%, 53%
CMY	0.0000, 0.5451, 0.4706
CMYK	0.00, 0.55, 0.47, 0.00
HSL	352°, 100%, 73%
HSV	352°, 55%, 100%
XYZ	51.8586, 35.5001, 27.0406
YIQ	159.7270, 76.7450, 35.3770

Conversions

Conversions Part 2

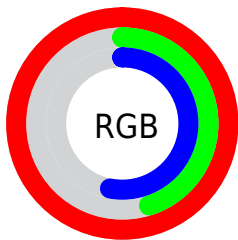
Format	Color
R_{YB}	255, 116, 135
Decimal	16741511
CIE _{Lab}	66.14, 54.53, 15.90
CIE _{LCh}	66, 56.803, 16.256
Yxy	35.5001, 0.4533, 0.3103
Android (android.graphics.Color)	4294931591 (0xFFFF7487)
YUV	159.7270, -12.1904, 83.5544
Hunter-Lab	59.5820, 51.0934, 14.7993

Details

The XYZ color **51.8586, 35.5001, 27.0406** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.1049, 81.2900, 91.9906**, and the grayscale version is **33.3188, 35.0540, 38.1738**.

A 20% lighter version of the original color is **65.0696, 54.3959, 54.6469**, and **25.5437, 15.3729, 10.4251** is the 20% darker color. If you saturate the color by 10%, you get **47.9189, 29.8503, 18.8545**, and if you desaturate by 10%, it is **56.9271, 42.8949, 37.1848**.

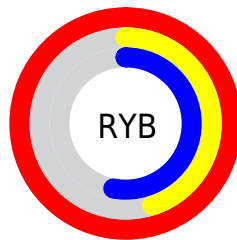
Distribution



Red (100%)

Green (45%)

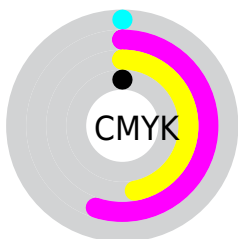
Blue (53%)



Red (100%)

Yellow (45%)

Blue (53%)

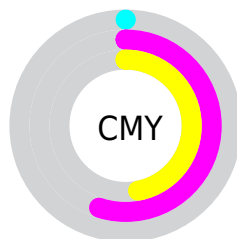


Cyan (0%)

Magenta (55%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8586, 35.5001, 27.0406 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 51.8586, 35.5001, 27.0406 by changing the saturation by 10% instead.


 51.8586, 35.5001,
27.0406


 51.8586, 35.5001,
27.0406


384.2234,
326.7703, 301.6200


 37.1162, 24.0484,
17.3710


 92.0981, 68.2598,
55.9535

 25.4716, 15.3695,
10.3346

 118.3260, 90.3365,
76.0340

 16.5593, 9.0791,
5.5129


 149.1130,
116.7237, 100.4218

 10.0142, 4.7928,
2.4873

184.8246,
147.8057, 129.5355

 5.4707, 2.1262,
0.8334

225.8260,
183.9670, 163.7936

 2.5636, 0.6793,
0.0000

272.4828,

 0.9274, 0.0000,

225.5919, 203.6147

0.0000

325.1601,
273.0649, 249.4173

■ 0.0000, 0.0000,
0.0000

■ 51.8586, 35.5001,
27.0406

■ 51.8586, 35.5001,
27.0406

■ 47.9189, 29.8503,
18.8545

■ 56.9271, 42.8949,
37.1848

■ 45.0177, 25.7963,
12.4972

■ 63.2001, 52.1564,
49.4009

■ 43.0550, 23.1737,
7.8265

■ 70.7496, 63.4022,
63.7966

■ 41.9089, 21.7790,
4.6777

■ 79.6413, 76.7382,
80.4710

■ 41.5410, 21.3804,
3.5154

■ 89.9363, 92.2632,
99.5175

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.



52.1043, 35.5001, 50.7914



51.8586, 35.5001, 27.0406



46.2635, 35.5001, 13.8476

Triad

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



51.8586, 35.5001, 27.0406



23.3161, 35.5001, 14.5874



30.0283, 35.5001, 103.7255

Complementary

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



51.8586, 35.5001, 27.0406



58.1049, 81.2900, 91.9906

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.



23.7117, 35.5001, 82.9342



51.8586, 35.5001, 27.0406



20.2967, 35.5001, 28.6221

Square

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



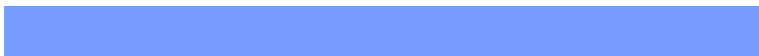
51.8586, 35.5001, 27.0406



29.3966, 35.5001, 8.9877



20.4282, 35.5001, 53.1904



38.4953, 35.5001, 102.7100

Rectangle

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



51.8586, 35.5001, 27.0406



40.7130, 35.5001, 9.7965



20.4282, 35.5001, 53.1904



27.6156, 35.5001, 98.7751

Sweetspot

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



51.8595, 35.5020, 27.0412



78.2257, 74.6098, 77.8323



58.2776, 37.2307, 98.7222



16.3368, 15.3586, 15.8992



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.



51.8595, 35.5020, 27.0412



47.7522, 29.6140, 18.4989



57.7859, 49.3072, 22.9972



18.1104, 18.0275, 19.1986



21.7367, 11.1840, 1.9982



2.1459, 1.1007, 0.3495

Inverse Universe

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



51.8595, 35.5020, 27.0412



47.7522, 29.6140, 18.4989



47.4099, 55.2463, 102.7724



18.1104, 18.0275, 19.1986



21.7367, 11.1840, 1.9982



2.1459, 1.1007, 0.3495

Previews

White Background



This preview shows how the XYZ color 51.8586, 35.5001, 27.0406 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 51.8586, 35.5001, 27.0406 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 51.8586, 35.5001, 27.0406

Background



This preview shows how black text looks on a background with the XYZ color 51.8586, 35.5001, 27.0406.



This preview shows how white text looks on a background with the XYZ color 51.8586, 35.5001,

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

51.8586, 35.5001, 27.0406

Protanopia

34.2594, 35.6096, 37.4154

Deuteranopia

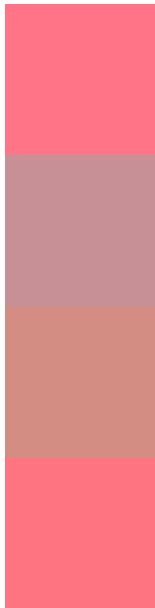
36.4228, 35.7190, 25.7437



Tritanopia

51.1174, 35.5341, 23.9032

Trichromacy



Original Color

51.8586, 35.5001, 27.0406

Protanomaly

38.7670, 34.1543, 33.4034

Deuteranomaly

40.7730, 34.6855, 26.0187

Tritanomaly

51.1968, 35.3784, 24.8992

Monochromacy



Original Color

51.8586, 35.5001, 27.0406

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.0648, 33.7830, 33.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8586, 35.5001, 27.0406 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 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, 116, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 135) }
```

Border

The CSS property to change the border of an element to XYZ 51.8586, 35.5001, 27.0406 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, 135) }
```


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

```
.border{ border-color:rgb(255, 116, 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, 116, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8586, 35.5001, 27.0406 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, 135) }
```

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

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