

Converting Colors

XYZ(110.5918, 65.7628,
30.6215)

Have a look what the booklet for
XYZ(110.5918, 65.7628, 30.6215)
contains.

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Color

**XYZ(52.0007, 35.5569,
27.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7489
RGB	255, 116, 137
RGB Percent	100%, 45%, 54%
CMY	0.0000, 0.5451, 0.4627
CMYK	0.00, 0.55, 0.46, 0.00
HSL	351°, 100%, 73%
HSV	351°, 55%, 100%
XYZ	52.0007, 35.5569, 27.7893
YIQ	159.9550, 76.1030, 35.9990

Conversions

Conversions Part 2

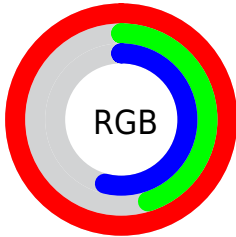
Format	Color
R_{YB}	255, 116, 137
Decimal	16741513
CIE _{Lab}	66.18, 54.72, 14.83
CIE _{LCh}	66, 56.690, 15.161
Yxy	35.5569, 0.4508, 0.3083
Android (android.graphics.Color)	4294931593 (0xFFFF7489)
YUV	159.9550, -11.3168, 83.3545
Hunter-Lab	59.6296, 51.3112, 14.1097

Details

The XYZ color **52.0007, 35.5569, 27.7893** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.8157, 81.1743, 90.4683**, and the grayscale version is **33.4200, 35.1605, 38.2897**.

A 20% lighter version of the original color is **65.2868, 54.4828, 55.7904**, and **25.5843, 15.3892, 10.6388** is the 20% darker color. If you saturate the color by 10%, you get **48.0539, 29.9042, 19.5655**, and if you desaturate by 10%, it is **57.0675, 42.9510, 37.9241**.

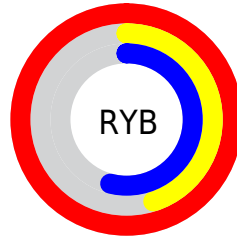
Distribution



Red (100%)

Green (45%)

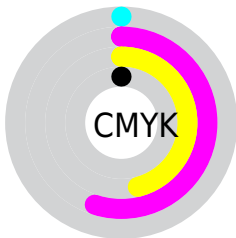
Blue (54%)



Red (100%)

Yellow (45%)

Blue (54%)

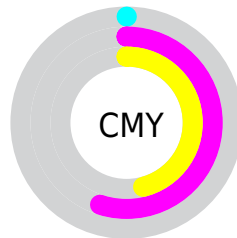


Cyan (0%)

Magenta (55%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0007, 35.5569, 27.7893 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 52.0007, 35.5569, 27.7893 by changing the saturation by 10% instead.

 52.0007, 35.5569,
27.7893


 52.0007, 35.5569,
27.7893


384.7632,
327.0197, 305.3389


 37.2299, 24.0922,
17.9292


 92.3065, 68.3476,
57.1669

 25.5600, 15.4020,
10.7303


 118.5722, 90.4424,
77.5216

 16.6257, 9.1020,
5.7739

 149.4003,
116.8493, 102.2115

 10.0617, 4.8078,
2.6415

185.1560,
147.9527, 131.6552

 5.5024, 2.1349,
0.9138

226.2048,
184.1371, 166.2712

 2.5827, 0.6842,
0.0000

272.9121,

 0.9372, 0.0000,

225.7868, 206.4782

0.0000

325.6431,
273.2862, 252.6946

■ 0.0000, 0.0000,
0.0000

■ 52.0007, 35.5569,
27.7893

■ 52.0007, 35.5569,
27.7893

■ 48.0539, 29.9042,
19.5655

■ 57.0675, 42.9510,
37.9241

■ 45.1377, 25.8443,
13.1295

■ 63.3287, 52.2078,
50.0786

■ 43.1537, 23.2132,
8.3464

■ 70.8556, 63.4445,
64.3554

■ 41.9815, 21.8080,
5.0605

■ 79.7131, 76.7668,
80.8496

■ 41.5981, 21.4032,
3.8162

■ 89.9614, 92.2731,
99.6504

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.



52.0322, 35.5569, 51.8775



52.0007, 35.5569, 27.7893



46.5766, 35.5569, 14.2284

Triad

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



52.0007, 35.5569, 27.7893



23.5464, 35.5569, 14.3235



29.8083, 35.5569, 103.2484

Complementary

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



52.0007, 35.5569, 27.7893



57.8157, 81.1743, 90.4683

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.



23.5971, 35.5569, 81.8996



52.0007, 35.5569, 27.7893



20.4123, 35.5569, 27.9922

Square

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



52.0007, 35.5569, 27.7893



29.7273, 35.5569, 8.9541



20.4292, 35.5569, 52.1850



38.2195, 35.5569, 103.1183

Rectangle

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



52.0007, 35.5569, 27.7893



41.0803, 35.5569, 10.0029



20.4292, 35.5569, 52.1850



27.4277, 35.5569, 98.0515

Sweetspot

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



52.0016, 35.5588, 27.7899



78.3035, 74.6410, 78.2420



57.5213, 36.8408, 98.6867



16.3551, 15.3660, 15.9956



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.



52.0016, 35.5588, 27.7899



47.8867, 29.6678, 19.2070



57.3728, 48.4812, 22.8595



18.1212, 18.0318, 19.2552



21.7691, 11.1970, 2.1688



2.1509, 1.1027, 0.3760

Inverse Universe

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



52.0016, 35.5588, 27.7899



47.8867, 29.6678, 19.2070



47.9729, 56.3723, 102.9599



18.1212, 18.0318, 19.2552



21.7691, 11.1970, 2.1688



2.1509, 1.1027, 0.3760

Previews

White Background



This preview shows how the XYZ color 52.0007, 35.5569, 27.7893 looks on a white background.

Color Contrast Check

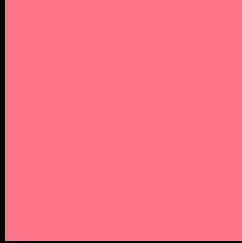
Large Text (above 18pt) WCAG AA × Fail

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 52.0007, 35.5569, 27.7893 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 52.0007, 35.5569, 27.7893

Background



This preview shows how black text looks on a background with the XYZ color 52.0007, 35.5569, 27.7893.



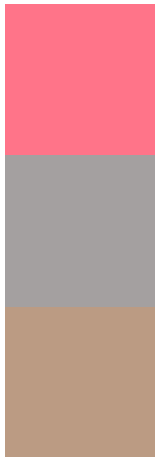
This preview shows how white text looks on a background with the XYZ color 52.0007, 35.5569,

27.7893.

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

52.0007, 35.5569, 27.7893

Protanopia

34.2258, 35.5722, 38.3199

Deuteranopia

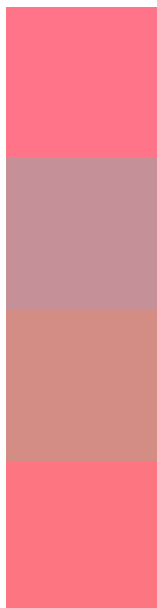
36.3116, 35.6462, 26.4393



Tritanopia

51.1174, 35.5341, 23.9032

Trichromacy



Original Color

52.0007, 35.5569, 27.7893

Protanomaly

38.6667, 34.0838, 34.2466

Deuteranomaly

40.9099, 34.7403, 26.7397

Tritanomaly

51.2636, 35.4051, 25.2511

Monochromacy



Original Color

52.0007, 35.5569, 27.7893

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.1464, 33.8156, 34.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0007, 35.5569, 27.7893 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.0007, 35.5569, 27.7893 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, 137) }
```


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

```
.border{ border-color:rgb(255, 116, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0007, 35.5569, 27.7893 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, 137) }
```

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

```
.background{ background-color: rgb(255,  
116, 137) }
```

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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