

Converting Colors

XYZ(57.5293, 37.6434, 34.5716)

Have a look what the booklet for
XYZ(57.5293, 37.6434, 34.5716)
contains.

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Color

**XYZ(52.7839, 35.1482,
34.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7099
RGB	255, 112, 153
RGB Percent	100%, 44%, 60%
CMY	0.0000, 0.5608, 0.4000
CMYK	0.00, 0.56, 0.40, 0.00
HSL	343°, 100%, 72%
HSV	343°, 56%, 100%
XYZ	52.7839, 35.1482, 34.1393
YIQ	159.4310, 72.0670, 43.0670

Conversions

Conversions Part 2

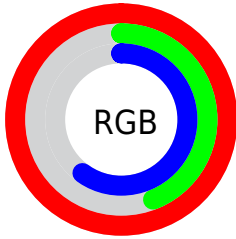
Format	Color
R_{YB}	255, 112, 153
Decimal	16740505
CIE _{Lab}	65.86, 58.12, 5.27
CIE _{LCh}	66, 58.361, 5.184
Yxy	35.1482, 0.4324, 0.2879
Android (android.graphics.Color)	4294930585 (0xFFFF7099)
YUV	159.4310, -3.1705, 83.8140
Hunter-Lab	59.2859, 55.1732, 7.3585

Details

The XYZ color **52.7839, 35.1482, 34.1393** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.5816, 79.8206, 76.1533**, and the grayscale version is **33.1442, 34.8702, 37.9737**.

A 20% lighter version of the original color is **66.5051, 53.7703, 65.9050**, and **26.0126, 15.1610, 14.1257** is the 20% darker color. If you saturate the color by 10%, you get **48.9683, 29.7409, 26.0117**, and if you desaturate by 10%, it is **57.6269, 42.2436, 43.7399**.

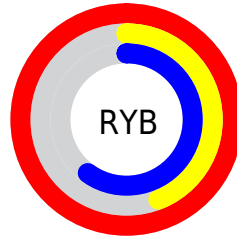
Distribution



Red (100%)

Green (44%)

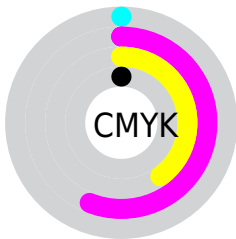
Blue (60%)



Red (100%)

Yellow (44%)

Blue (60%)

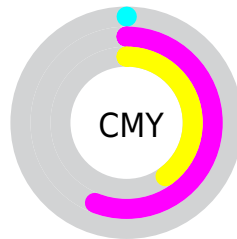


Cyan (0%)

Magenta (56%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7839, 35.1482, 34.1393 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 52.7839, 35.1482, 34.1393 by changing the saturation by 10% instead.


 52.7839, 35.1482,
34.1393


 52.7839, 35.1482,
34.1393


387.7299,
325.2220, 335.5408

 37.8571, 23.7771,
22.7224

 93.4537, 67.7153,
67.2866

 26.0485, 15.1683,
14.1853


 119.9274, 89.6800,
89.8541

 16.9928, 8.9376,
8.1094


 150.9807,
115.9448, 116.9755

 10.3246, 4.7005,
4.0763

186.9791,
146.8939, 149.0695

 5.6786, 2.0726,
1.6673

228.2879,
182.9117, 186.5544

 2.6895, 0.6492,
0.3382

275.2724,

 0.9918, 0.0000,

224.3828, 229.8489

0.0000

328.2979,
271.6914, 279.3716

■ 0.0000, 0.0000,
0.0000

■ 52.7839, 35.1482,
34.1393

■ 52.7839, 35.1482,
34.1393

■ 48.9683, 29.7409,
26.0117

■ 57.6269, 42.2436,
43.7399

■ 46.0978, 25.8738,
19.2777

■ 63.5652, 51.1479,
54.8831

■ 44.0811, 23.3822,
13.8523

■ 70.6642, 61.9768,
67.6357

■ 42.8055, 22.0600,
9.6383

■ 78.9830, 74.8350,
82.0604

■ 42.4460, 21.7424,
8.2808

■ 88.5768, 89.8195,
98.2159

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.



50.8243, 35.1482, 61.8524



52.7839, 35.1482, 34.1393



48.8687, 35.1482, 16.9161

Triad

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



52.7839, 35.1482, 34.1393



24.7375, 35.1482, 11.1059



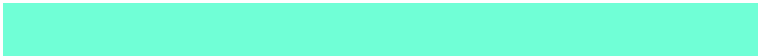
26.9221, 35.1482, 99.5534

Complementary

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



52.7839, 35.1482, 34.1393



54.5816, 79.8206, 76.1533

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.



21.6085, 35.1482, 72.6587



52.7839, 35.1482, 34.1393



20.5076, 35.1482, 21.6037

Square

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



52.7839, 35.1482, 34.1393



31.9319, 35.1482, 7.7886



19.4690, 35.1482, 42.7220



34.9275, 35.1482, 107.6894

Rectangle

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



52.7839, 35.1482, 34.1393



43.7930, 35.1482, 11.0294



19.4690, 35.1482, 42.7220



24.8089, 35.1482, 91.9721

Sweetspot

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



52.7848, 35.1500, 34.1399



78.1611, 73.5582, 80.6548



51.0259, 32.8224, 98.2536



16.3555, 15.1641, 16.6207



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.



52.7848, 35.1500, 34.1399



48.6645, 29.3210, 25.3317



53.6320, 41.3639, 20.4889



18.2235, 18.0727, 19.7939



22.2342, 11.3830, 4.6180



2.2096, 1.1262, 0.6851

Inverse Universe

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



52.7848, 35.1500, 34.1399



48.6645, 29.3210, 25.3317



52.0388, 65.2766, 104.4645



18.2235, 18.0727, 19.7939



22.2342, 11.3830, 4.6180



2.2096, 1.1262, 0.6851

Previews

White Background



This preview shows how the XYZ color 52.7839, 35.1482, 34.1393 looks on a white background.

Color Contrast Check

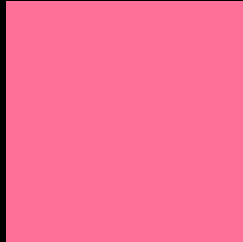
Large Text (above 18pt) WCAG AA × Fail

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 52.7839, 35.1482, 34.1393 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 52.7839, 35.1482, 34.1393

Background



This preview shows how black text looks on a background with the XYZ color 52.7839, 35.1482, 34.1393.



This preview shows how white text looks on a background with the XYZ color 52.7839, 35.1482,

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

52.7839, 35.1482, 34.1393

Protanopia

34.5410, 35.2597, 48.1653

Deuteranopia

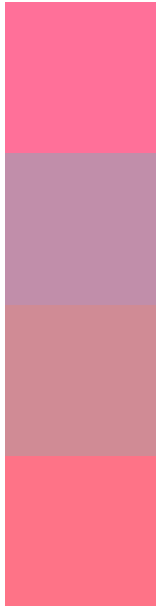
35.9657, 35.3418, 32.1202



Tritanopia

50.5710, 35.0859, 23.5089

Trichromacy



Original Color

52.7839, 35.1482, 34.1393

Protanomaly

38.9210, 33.5857, 42.4615

Deuteranomaly

40.6699, 34.0451, 32.8616

Tritanomaly

51.3770, 35.0816, 26.9852

Monochromacy



Original Color

52.7839, 35.1482, 34.1393

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

38.0069, 33.2497, 36.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7839, 35.1482, 34.1393 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, 112, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 153)  
}
```

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, 112, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.7839, 35.1482, 34.1393 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, 112, 153) }
```


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

```
.border{ border-color:rgb(255, 112, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7839, 35.1482, 34.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 153) }
```

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

```
.background{ background-color: rgb(255,  
112, 153) }
```

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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