

Converting Colors

XYZ(53.1184, 36.0012, 36.4689)

Have a look what the booklet for
XYZ(53.1184, 36.0012, 36.4689)
contains.

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Color

**XYZ(52.9250, 35.8421,
36.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	FD749E
RGB	253, 116, 158
RGB Percent	99%, 45%, 62%
CMY	0.0078, 0.5451, 0.3804
CMYK	0.00, 0.54, 0.38, 0.01
HSL	342°, 97%, 72%
HSV	342°, 54%, 99%
XYZ	52.9250, 35.8421, 36.4765
YIQ	161.7510, 68.1700, 42.1060

Conversions

Conversions Part 2

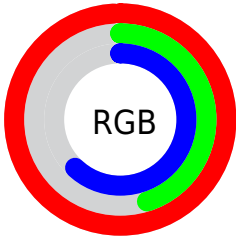
Format	Color
R_{YB}	253, 116, 158
Decimal	16610462
CIE _{Lab}	66.40, 56.18, 3.16
CIE _{LCh}	66, 56.270, 3.223
Yxy	35.8421, 0.4226, 0.2862
Android (android.graphics.Color)	4294800542 (0xFFFD749E)
YUV	161.7510, -1.8492, 80.0254
Hunter-Lab	59.8683, 53.0288, 5.7836

Details

The XYZ color **52.9250, 35.8421, 36.4765** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.0876, 78.6677, 73.9666**, and the grayscale version is **34.2135, 35.9953, 39.1989**.

A 20% lighter version of the original color is **67.8762, 55.5185, 69.4260**, and **26.2620, 15.6307, 15.5428** is the 20% darker color. If you saturate the color by 10%, you get **48.9915, 30.2219, 28.2389**, and if you desaturate by 10%, it is **57.8700, 43.1400, 46.1157**.

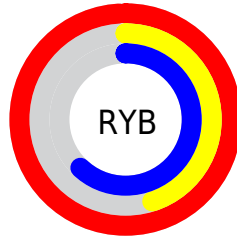
Distribution



Red (99%)

Green (45%)

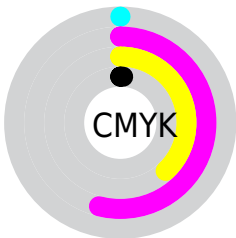
Blue (62%)



Red (99%)

Yellow (45%)

Blue (62%)

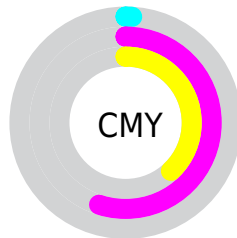


Cyan (0%)

Magenta (54%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9250, 35.8421, 36.4765 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 52.9250, 35.8421, 36.4765 by changing the saturation by 10% instead.


 52.9250, 35.8421,
36.4765


 52.9250, 35.8421,
36.4765


388.2629,
328.2699, 346.1387


 37.9701, 24.3123,
24.5098

 93.6602, 68.7883,
70.9442

 26.1366, 15.5654,
15.4966


 120.1712, 90.9734,
94.2823

 17.0591, 9.2172,
9.0181


 151.2650,
117.4791, 122.2480

 10.3722, 4.8831,
4.6560

187.3069,
148.6898, 155.2598

 5.7106, 2.1788,
1.9917

228.6623,
184.9898, 193.7362

 2.7089, 0.7084,
0.5502

275.6965,

 1.0018, 0.0000,

226.7635, 238.0958

0.0000

328.7749,
274.3954, 288.7571

■ 0.0000, 0.0000,
0.0000

■ 52.9250, 35.8421,
36.4765

■ 52.9250, 35.8421,
36.4765

■ 48.9915, 30.2219,
28.2389

■ 57.8700, 43.1400,
46.1157

■ 45.9914, 26.1381,
21.3309

■ 63.8908, 52.2310,
57.2190

■ 43.8392, 23.4350,
15.6764

■ 71.0496, 63.2264,
69.8475

■ 42.4302, 21.9205,
11.1887

■ 79.4031, 76.2271,
84.0579

■ 41.8672, 21.4263,
9.0530

■ 89.0039, 91.3267,
99.9039

94.3180, 99.6227,
108.8657

Harmonies

Analogous

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



50.6633, 35.8421, 63.8671



52.9250, 35.8421, 36.4765



49.4865, 35.8421, 18.7336

Triad

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



52.9250, 35.8421, 36.4765



25.9432, 35.8421, 11.6674



27.2804, 35.8421, 96.7898

Complementary

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



52.9250, 35.8421, 36.4765



54.0876, 78.6677, 73.9666

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.



22.2376, 35.8421, 70.3455



52.9250, 35.8421, 36.4765



21.5596, 35.8421, 21.6406

Square

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



52.9250, 35.8421, 36.4765



33.1646, 35.8421, 8.6228



20.3230, 35.8421, 41.6915



34.9853, 35.8421, 106.0469

Rectangle

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



52.9250, 35.8421, 36.4765



44.7095, 35.8421, 12.4206



20.3230, 35.8421, 41.6915



25.2632, 35.8421, 89.1981

Sweetspot

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



52.9260, 35.8440, 36.4772



79.1619, 74.9843, 82.7620



50.4460, 33.2303, 96.6838



16.5575, 15.4469, 17.0616



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.



52.9260, 35.8440, 36.4772



49.5711, 30.3416, 28.0772



53.2040, 41.2299, 21.6795



18.2386, 18.0788, 19.8736



22.3285, 11.4207, 5.1144



2.2204, 1.1305, 0.7418

Inverse Universe

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



52.9260, 35.8440, 36.4772



49.5711, 30.3416, 28.0772



52.6449, 66.2289, 102.9373



18.2386, 18.0788, 19.8736



22.3285, 11.4207, 5.1144



2.2204, 1.1305, 0.7418

Previews

White Background



This preview shows how the XYZ color 52.9250, 35.8421, 36.4765 looks on a white background.

Color Contrast Check

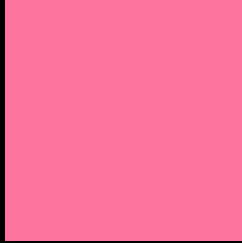
Large Text (above 18pt) WCAG AA × Fail

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 52.9250, 35.8421, 36.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

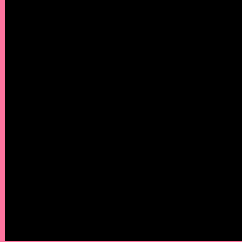
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9250, 35.8421, 36.4765

Background



This preview shows how black text looks on a background with the XYZ color 52.9250, 35.8421, 36.4765.



This preview shows how white text looks on a background with the XYZ color 52.9250, 35.8421,

36.4765.

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

52.9250, 35.8421, 36.4765

Protanopia

35.4971, 36.2195, 50.4676

Deuteranopia

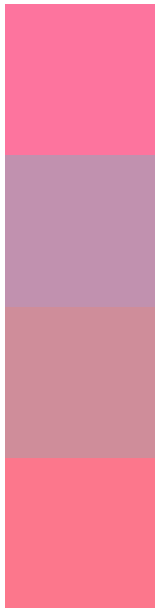
36.6120, 35.8677, 34.6993



Tritanopia

50.6503, 35.7957, 25.3588

Trichromacy



Original Color

52.9250, 35.8421, 36.4765

Protanomaly

39.8556, 34.6834, 45.1514

Deuteranomaly

41.0897, 34.6482, 35.0940

Tritanomaly

51.4753, 35.7825, 29.0046

Monochromacy



Original Color

52.9250, 35.8421, 36.4765

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.0641, 34.4261, 38.3042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9250, 35.8421, 36.4765 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(253, 116, 158)` looks like.

```
.text, #text, p{  
    color:rgb(253, 116, 158)  
}
```

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(253, 116, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 116, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.9250, 35.8421, 36.4765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

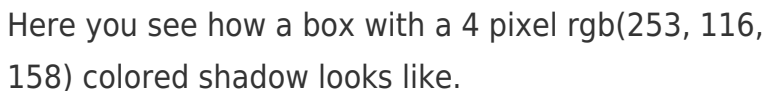
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 116, 158) }
```


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

```
.border{ border-color:rgb(253, 116, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 116, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 116, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 116, 158);  
box-shadow:4px 4px 4px 4px rgb(253, 116,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9250, 35.8421, 36.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 116, 158) }
```

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

```
.background{ background-color: rgb(253,  
116, 158) }
```

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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