

Converting Colors

XYZ(52.9875, 34.8805, 36.2876)

Have a look what the booklet for
XYZ(52.9875, 34.8805, 36.2876)
contains.

XYZ(52.9875, 34.8805, 36.2876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9875, 34.8805,
36.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6E9E
RGB	255, 110, 158
RGB Percent	100%, 43%, 62%
CMY	0.0000, 0.5686, 0.3804
CMYK	0.00, 0.57, 0.38, 0.00
HSL	340°, 100%, 72%
HSV	340°, 57%, 100%
XYZ	52.9875, 34.8805, 36.2876
YIQ	158.8270, 71.0120, 45.6680

Conversions

Conversions Part 2

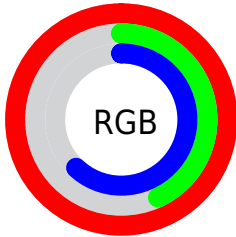
Format	Color
RYB	255, 110, 158
Decimal	16739998
CIELab	65.66, 59.55, 2.12
CIELCh	66, 59.586, 2.041
Yxy	34.8805, 0.4268, 0.2809
Android (android.graphics.Color)	4294930078 (0xFFFF6E9E)
YUV	158.8270, -0.4077, 84.3437
Hunter-Lab	59.0597, 56.7930, 4.9127

Details

The XYZ color **52.9875, 34.8805, 36.2876** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.4549, 79.3409, 71.5334**, and the grayscale version is **32.8560, 34.5671, 37.6436**.

A 20% lighter version of the original color is **66.7599, 53.2859, 69.0539**, and **26.1300, 14.9869, 15.4255** is the 20% darker color. If you saturate the color by 10%, you get **49.2533, 29.6012, 28.2940**, and if you desaturate by 10%, it is **57.7189, 41.8277, 45.6199**.

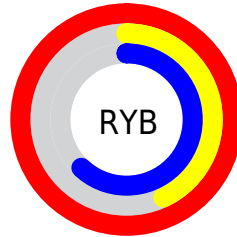
Distribution



Red (100%)

Green (43%)

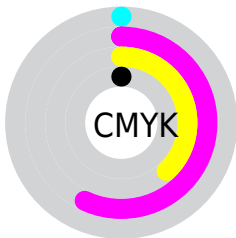
Blue (62%)



Red (100%)

Yellow (43%)

Blue (62%)

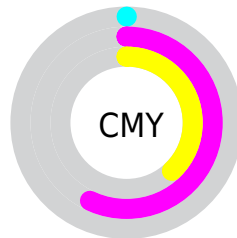


Cyan (0%)

Magenta (57%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9875, 34.8805, 36.2876 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 52.9875, 34.8805, 36.2876 by changing the saturation by 10% instead.


 52.9875, 34.8805,
36.2876


 52.9875, 34.8805,
36.2876


388.4988,
324.0406, 345.2912


 38.0202, 23.5708,
24.3649


 93.7516, 67.3006,
70.6498

 26.1757, 15.0156,
15.3899


 120.2792, 89.1798,
93.9264

 17.0885, 8.8303,
8.9438


 151.3909,
115.3510, 121.8247

 10.3933, 4.6307,
4.6082

187.4520,
146.1986, 154.7633

 5.7248, 2.0322,
1.9646

228.8281,
182.1070, 193.1607

 2.7175, 0.6261,
0.5334

275.8843,

 1.0062, 0.0000,

223.4605, 237.4355

0.0000

328.9861,
270.6435, 288.0061

■ 0.0000, 0.0000,
0.0000

■ 52.9875, 34.8805,
36.2876

■ 52.9875, 34.8805,
36.2876

■ 49.2533, 29.6012,
28.2940

■ 57.7189, 41.8277,
45.6199

■ 46.4350, 25.8410,
21.5700

■ 63.5140, 50.5638,
56.3509

■ 44.4426, 23.4339,
16.0418

■ 70.4370, 61.2047,
68.5392

■ 43.1623, 22.1680,
11.6239

■ 78.5458, 73.8553,
82.2390

■ 42.8561, 21.9065,
10.4405

■ 87.8943, 88.6123,
97.5016

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.3602, 34.8805, 65.3708



52.9875, 34.8805, 36.2876



49.5721, 34.8805, 17.7104

Triad

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



52.9875, 34.8805, 36.2876



24.9983, 34.8805, 10.0136



25.8686, 34.8805, 98.4800

Complementary

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



52.9875, 34.8805, 36.2876



53.4549, 79.3409, 71.5334

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.



20.8302, 34.8805, 69.7360



52.9875, 34.8805, 36.2876



20.3935, 34.8805, 19.5597

Square

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



52.9875, 34.8805, 36.2876



32.5569, 34.8805, 7.2970



19.0121, 34.8805, 39.7220



33.7560, 34.8805, 109.4280

Rectangle

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



52.9875, 34.8805, 36.2876



44.6258, 34.8805, 11.2345



19.0121, 34.8805, 39.7220



23.8370, 34.8805, 90.0984

Sweetspot

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



52.9885, 34.8823, 36.2882



78.4234, 73.6631, 82.0357



49.2667, 31.5915, 98.1089



16.4170, 15.1887, 16.9444



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.



52.9885, 34.8823, 36.2882



48.8871, 29.0984, 27.4643



52.6041, 39.4842, 19.6029



18.2573, 18.0862, 19.9721



22.4545, 11.4711, 5.7779



2.2344, 1.1361, 0.8159

Inverse Universe

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



52.9885, 34.8823, 36.2882



48.8871, 29.0984, 27.4643



53.0111, 67.5949, 104.8609



18.2573, 18.0862, 19.9721



22.4545, 11.4711, 5.7779



2.2344, 1.1361, 0.8159

Previews

White Background



This preview shows how the XYZ color 52.9875, 34.8805, 36.2876 looks on a white background.

Color Contrast Check

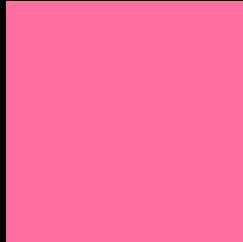
Large Text (above 18pt) WCAG AA × Fail

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 52.9875, 34.8805, 36.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

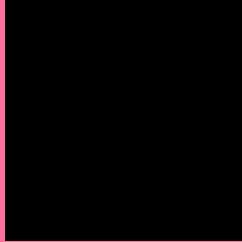
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9875, 34.8805, 36.2876

Background



This preview shows how black text looks on a background with the XYZ color 52.9875, 34.8805, 36.2876.

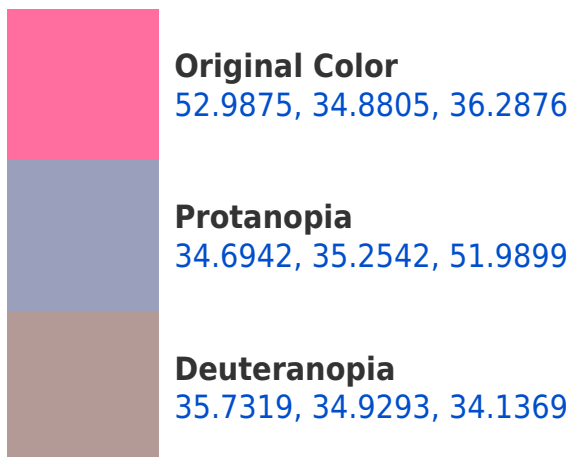


This preview shows how white text looks on a background with the XYZ color 52.9875, 34.8805,

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

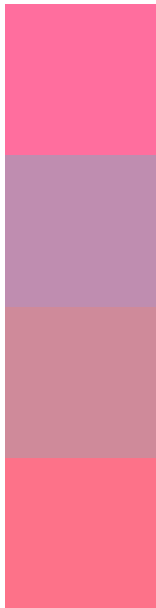




Tritanopia

50.2078, 34.8987, 23.4919

Trichromacy



Original Color

52.9875, 34.8805, 36.2876

Protanomaly

38.8472, 33.2607, 45.4468

Deuteranomaly

40.6533, 33.7754, 34.9485

Tritanomaly

51.0407, 34.7234, 27.6791

Monochromacy



Original Color

52.9875, 34.8805, 36.2876

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

38.0310, 33.0223, 37.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9875, 34.8805, 36.2876 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, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 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(255, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.9875, 34.8805, 36.2876 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, 110, 158) }
```


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

```
.border{ border-color:rgb(255, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9875, 34.8805, 36.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 158) }
```

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

```
.background{ background-color: rgb(255,  
110, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor