

Converting Colors

XYZ(50.4136, 34.2054, 44.1262)

Have a look what the booklet for
XYZ(50.4136, 34.2054, 44.1262)
contains.

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Color

**XYZ(50.3887, 34.1947,
43.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	F273AE
RGB	242, 115, 174
RGB Percent	95%, 45%, 68%
CMY	0.0510, 0.5490, 0.3176
CMYK	0.00, 0.52, 0.28, 0.05
HSL	332°, 83%, 70%
HSV	332°, 52%, 95%
XYZ	50.3887, 34.1947, 43.9889
YIQ	159.6990, 56.7530, 45.2730

Conversions

Conversions Part 2

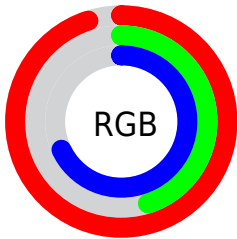
Format	Color
R_{YB}	242, 115, 174
Decimal	15889326
CIE _{Lab}	65.12, 55.03, -7.99
CIE _{LCh}	65, 55.607, 351.734
Yxy	34.1947, 0.3919, 0.2660
Android (android.graphics.Color)	4294079406 (0xFFFF273AE)
YUV	159.6990, 7.0504, 72.1780
Hunter-Lab	58.4762, 51.4792, -3.6677

Details

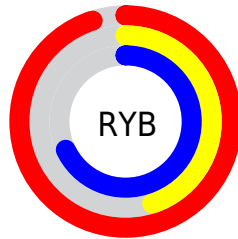
The XYZ color **50.3887, 34.1947, 43.9889** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.3713, 70.5690, 55.9278**, and the grayscale version is **33.2266, 34.9569, 38.0681**.

A 20% lighter version of the original color is **69.9458, 56.0430, 81.2596**, and **24.6571, 14.7041, 19.9510** is the 20% darker color. If you saturate the color by 10%, you get **46.7795, 28.9012, 36.8509**, and if you desaturate by 10%, it is **54.8460, 40.9887, 52.0116**.

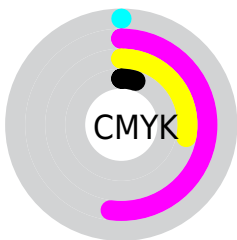
Distribution



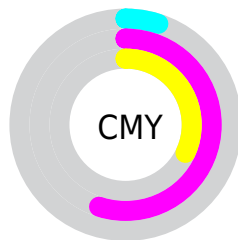
- Red (95%)
- Green (45%)
- Blue (68%)



- Red (95%)
- Yellow (45%)
- Blue (68%)



- Cyan (0%)
- Magenta (52%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3887, 34.1947, 43.9889 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 50.3887, 34.1947, 43.9889 by changing the saturation by 10% instead.


 50.3887, 34.1947,
43.9889

 50.3887, 34.1947,
43.9889

378.6110,
320.9993, 378.7030


 35.9414, 23.0432,
30.3247


 89.9389, 66.2363,
82.5033

 24.5588, 14.6254,
19.8310


 115.7725, 87.8953,
108.1906

 15.8757, 8.5569,
12.0894


 146.1323,
113.8255, 138.7226

 9.5265, 4.4533,
6.6813

181.3836,
144.4113, 174.5180

 5.1460, 1.9302,
3.1882

221.8918,
180.0373, 215.9951

 2.3688, 0.5665,
1.1915

268.0221,

 0.8295, 0.0000,

221.0876, 263.5726

0.0000

320.1401,
267.9469, 317.6691

■ 0.0000, 0.0000,
0.0000

■ 50.3887, 34.1947,
43.9889

■ 50.3887, 34.1947,
43.9889

■ 46.7795, 28.9012,
36.8509

■ 54.8460, 40.9887,
52.0116

■ 43.9540, 24.9858,
30.5582

■ 60.2033, 49.3828,
60.9515

■ 41.8427, 22.3151,
25.0703

■ 66.5119, 59.4739,
70.8418

■ 40.3611, 20.7260,
20.3404

■ 73.8180, 71.3498,
81.7128

■ 39.5661, 20.0565,
17.2379

■ 82.1648, 85.0921,
93.5937

89.9091, 97.4097,
105.9506

90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



46.2597, 34.1947, 72.0645



50.3887, 34.1947, 43.9889



49.1383, 34.1947, 23.0895

Triad

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



50.3887, 34.1947, 43.9889



27.0904, 34.1947, 9.3394



23.8123, 34.1947, 84.1185

Complementary

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



50.3887, 34.1947, 43.9889



47.3713, 70.5690, 55.9278

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.



20.1198, 34.1947, 56.2174



50.3887, 34.1947, 43.9889



21.7829, 34.1947, 15.9449

Square

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



50.3887, 34.1947, 43.9889



34.7818, 34.1947, 8.3077



19.4438, 34.1947, 31.2055



30.3222, 34.1947, 100.7418

Rectangle

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



50.3887, 34.1947, 43.9889



45.5006, 34.1947, 14.8035



19.4438, 34.1947, 31.2055



22.2482, 34.1947, 75.3098

Sweetspot

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



50.3897, 34.1964, 43.9895



80.0671, 75.3464, 87.5290



41.6245, 28.7089, 87.3523



16.7721, 15.5328, 18.1919



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.



50.3897, 34.1964, 43.9895



52.4333, 32.1916, 40.9757



46.3385, 33.3662, 20.2198



16.0783, 15.8810, 17.9687



21.3227, 10.8015, 9.6159



1.8236, 0.9185, 1.0620

Inverse Universe

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



50.3897, 34.1964, 43.9895



52.4333, 32.1916, 40.9757



53.6051, 71.0698, 94.8973



16.0783, 15.8810, 17.9687



21.3227, 10.8015, 9.6159



1.8236, 0.9185, 1.0620

Previews

White Background



This preview shows how the XYZ color 50.3887, 34.1947, 43.9889 looks on a white background.

Color Contrast Check

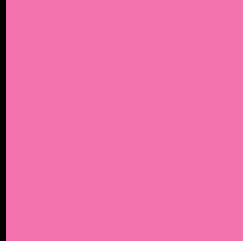
Large Text (above 18pt) WCAG AA × Fail

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 50.3887, 34.1947, 43.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

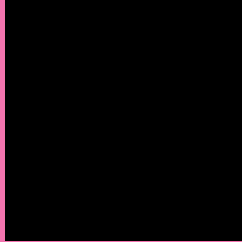
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3887, 34.1947, 43.9889

Background



This preview shows how black text looks on a background with the XYZ color 50.3887, 34.1947, 43.9889.



This preview shows how white text looks on a background with the XYZ color 50.3887, 34.1947,

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

50.3887, 34.1947, 43.9889

Protanopia

34.7503, 34.5813, 60.7204

Deuteranopia

35.2010, 34.4844, 41.8466



Tritanopia

46.5077, 34.0090, 25.9430

Trichromacy



Original Color

50.3887, 34.1947, 43.9889



Protanomaly

38.4788, 33.0969, 54.2294



Deuteranomaly

39.3987, 33.3942, 42.3994



Tritanomaly

47.5795, 33.8902, 31.6375

Monochromacy



Original Color

50.3887, 34.1947, 43.9889



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

38.0000, 33.6103, 40.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3887, 34.1947, 43.9889 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(242, 115, 174)` looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 174)  
}
```

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(242, 115, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.3887, 34.1947, 43.9889 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(242, 115, 174) }
```


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

```
.border{ border-color:rgb(242, 115, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 115, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 174);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3887, 34.1947, 43.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 174) }
```

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

```
.background{ background-color: rgb(242,  
115, 174) }
```

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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