

Converting Colors

XYZ(52.4179, 34.2040, 47.1685)

Have a look what the booklet for
XYZ(52.4179, 34.2040, 47.1685)
contains.

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Color

**XYZ(52.4183, 34.1890,
47.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	F86DB4
RGB	248, 109, 180
RGB Percent	97%, 43%, 71%
CMY	0.0274, 0.5725, 0.2941
CMYK	0.00, 0.56, 0.27, 0.03
HSL	329°, 91%, 70%
HSV	329°, 56%, 97%
XYZ	52.4183, 34.1890, 47.0164
YIQ	158.6550, 60.0530, 51.5490

Conversions

Conversions Part 2

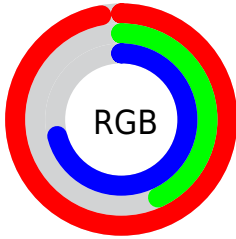
Format	Color
R _Y B	248, 109, 180
Decimal	16281012
CIE Lab	65.11, 60.41, -11.32
CIE LCh	65, 61.462, 349.387
Yxy	34.1890, 0.3923, 0.2559
Android (android.graphics.Color)	4294471092 (0xFFFF86DB4)
YUV	158.6550, 10.5231, 78.3556
Hunter-Lab	58.4714, 57.6965, -6.7447

Details

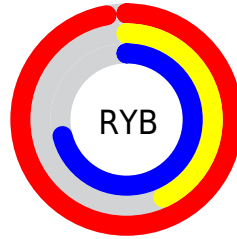
The XYZ color **52.4183, 34.1890, 47.0164** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **47.8117, 73.5614, 53.2776**, and the grayscale version is **32.7328, 34.4374, 37.5024**.

A 20% lighter version of the original color is **69.8355, 54.2264, 86.1429**, and **25.7536, 14.5913, 21.5377** is the 20% darker color. If you saturate the color by 10%, you get **48.9536, 29.1517, 40.0279**, and if you desaturate by 10%, it is **56.7393, 40.7653, 54.8248**.

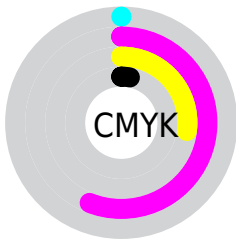
Distribution



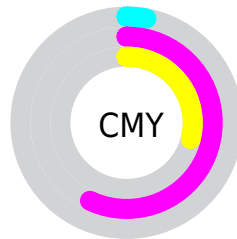
- Red (97%)
- Green (43%)
- Blue (71%)



- Red (97%)
- Yellow (43%)
- Blue (71%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (3%)




- Cyan (3%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4183, 34.1890, 47.0164 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 52.4183, 34.1890, 47.0164 by changing the saturation by 10% instead.


 52.4183, 34.1890,
47.0164


 52.4183, 34.1890,
47.0164

386.3469,
320.9740, 391.2756


 37.5642, 23.0388,
32.6942


 92.9184, 66.2275,
87.0883

 25.8203, 14.6222,
21.6231


 119.2952, 87.8846,
113.6751

 16.8212, 8.5547,
13.3845


 150.2436,
113.8128, 145.1872

 10.2016, 4.4519,
7.5600

186.1289,
144.3964, 182.0431

 5.5961, 1.9294,
3.7310

227.3165,
180.0200, 224.6614

 2.6394, 0.5660,
1.4790

274.1718,

 0.9661, 0.0000,

221.0679, 273.4605

0.2022

327.0601,
267.9244, 328.8591

■ 0.0000, 0.0000,
0.0000

■ 52.4183, 34.1890,
47.0164

■ 52.4183, 34.1890,
47.0164

■ 48.9536, 29.1517,
40.0279

■ 56.7393, 40.7653,
54.8248

■ 46.2749, 25.5178,
33.8213

■ 61.9734, 48.9905,
63.4843

■ 44.3048, 23.1371,
28.3570

■ 68.1757, 58.9705,
73.0261

■ 42.9466, 21.8209,
23.5880

■ 75.3958, 70.8007,
83.4791

■ 42.5209, 21.4803,
21.8714

■ 83.6799, 84.5696,
94.8706

92.1691, 98.5556,
106.9256

92.5216, 98.6966,
108.7817

Harmonies

Analogous

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



47.3187, 34.1890, 79.1862



52.4183, 34.1890, 47.0164



51.4904, 34.1890, 23.1947

Triad

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



52.4183, 34.1890, 47.0164



27.1322, 34.1890, 7.4693



22.5679, 34.1890, 88.2977

Complementary

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



52.4183, 34.1890, 47.0164



47.8117, 73.5614, 53.2776

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.



18.8623, 34.1890, 56.0112



52.4183, 34.1890, 47.0164



21.1448, 34.1890, 13.5455

Square

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



52.4183, 34.1890, 47.0164



35.7551, 34.1890, 6.8228



18.3940, 34.1890, 28.8988



29.4405, 34.1890, 109.3068

Rectangle

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



52.4183, 34.1890, 47.0164



47.6219, 34.1890, 13.9594



18.3940, 34.1890, 28.8988



20.9685, 34.1890, 77.8641

Sweetspot

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



52.4193, 34.1907, 47.0170



79.5175, 74.1007, 87.7970



40.3597, 26.9682, 91.8856



16.6744, 15.2916, 18.2998



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.



52.4193, 34.1907, 47.0170



51.8123, 30.5801, 41.9074



47.0681, 32.0503, 18.8382



17.6146, 17.3732, 19.8265



23.0409, 11.6321, 12.1896



2.1876, 1.0988, 1.4111

Inverse Universe

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



52.4193, 34.1907, 47.0170



51.8123, 30.5801, 41.9074



56.4612, 77.0212, 98.8255



17.6146, 17.3732, 19.8265



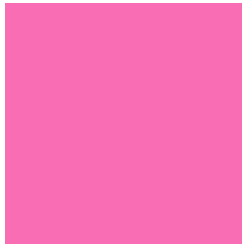
23.0409, 11.6321, 12.1896



2.1876, 1.0988, 1.4111

Previews

White Background



This preview shows how the XYZ color 52.4183, 34.1890, 47.0164 looks on a white background.

Color Contrast Check

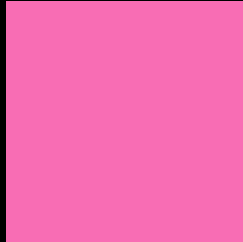
Large Text (above 18pt) WCAG AA × Fail

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 52.4183, 34.1890, 47.0164 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 52.4183, 34.1890, 47.0164

Background



This preview shows how black text looks on a background with the XYZ color 52.4183, 34.1890, 47.0164.



This preview shows how white text looks on a background with the XYZ color 52.4183, 34.1890,

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

52.4183, 34.1890, 47.0164

Protanopia

35.0998, 34.3700, 67.0715

Deuteranopia

35.0348, 34.3438, 44.3177



Tritanopia

47.5749, 34.0461, 24.4862

Trichromacy



Original Color

52.4183, 34.1890, 47.0164

Protanomaly

38.7140, 32.4591, 58.8684

Deuteranomaly

39.6899, 33.0473, 45.3612

Tritanomaly

49.1680, 34.0098, 31.5769

Monochromacy



Original Color

52.4183, 34.1890, 47.0164

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.9858, 32.9161, 40.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4183, 34.1890, 47.0164 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(248, 109, 180)` looks like.

```
.text, #text, p{  
    color:rgb(248, 109, 180)  
}
```

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(248, 109, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 109, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.4183, 34.1890, 47.0164 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(248, 109, 180) }
```


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

```
.border{ border-color:rgb(248, 109, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 109, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 109, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 109, 180);  
box-shadow:4px 4px 4px 4px rgb(248, 109,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4183, 34.1890, 47.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 109, 180) }
```

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

```
.background{ background-color: rgb(248,  
109, 180) }
```

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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