

Converting Colors

XYZ(52.3043, 36.1121, 50.4418)

Have a look what the booklet for
XYZ(52.3043, 36.1121, 50.4418)
contains.

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Color

**XYZ(52.3182, 36.0972,
50.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	F279BA
RGB	242, 121, 186
RGB Percent	95%, 47%, 73%
CMY	0.0510, 0.5255, 0.2706
CMYK	0.00, 0.50, 0.23, 0.05
HSL	328°, 82%, 71%
HSV	328°, 50%, 95%
XYZ	52.3182, 36.0972, 50.6643
YIQ	164.5890, 51.2510, 45.8670

Conversions

Conversions Part 2

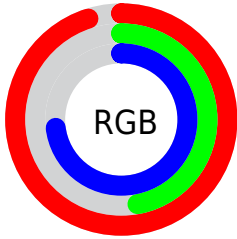
Format	Color
R_{YB}	242, 121, 186
Decimal	15890874
CIE _{Lab}	66.59, 53.76, -12.58
CIE _{LCh}	67, 55.214, 346.833
Yxy	36.0972, 0.3762, 0.2595
Android (android.graphics.Color)	4294080954 (0xFFFF279BA)
YUV	164.5890, 10.5556, 67.8894
Hunter-Lab	60.0809, 50.2953, -7.9407

Details

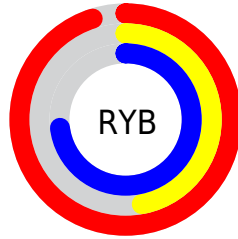
The XYZ color **52.3182, 36.0972, 50.6643** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.5748, 70.7445, 52.7461**, and the grayscale version is **35.5027, 37.3516, 40.6759**.

A 20% lighter version of the original color is **72.9892, 59.1151, 91.5678**, and **25.7103, 15.6572, 23.8574** is the 20% darker color. If you saturate the color by 10%, you get **48.5932, 30.4784, 43.7763**, and if you desaturate by 10%, it is **56.8762, 43.2319, 58.2912**.

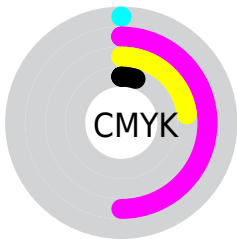
Distribution



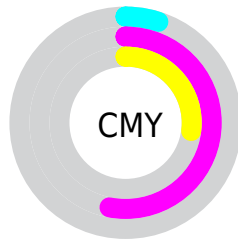
- Red (95%)
- Green (47%)
- Blue (73%)



- Red (95%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3182, 36.0972, 50.6643 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 52.3182, 36.0972, 50.6643 by changing the saturation by 10% instead.

52.3182, 36.0972,
50.6643

52.3182, 36.0972,
50.6643

385.9676,
329.3852, 406.0674

37.4841, 24.5093,
35.5666

92.7718, 69.1821,
92.5648

25.7579, 15.7118,
23.8127

119.1220, 91.4478,
120.2047

16.7743, 9.3205,
14.9838

150.0415,
118.0416, 152.8624

10.1680, 4.9508,
8.6615

185.8958,
149.3478, 190.9565

5.5736, 2.2184,
4.4273

227.0502,
185.7509, 234.9055

2.6258, 0.7300,
1.8626

273.8701,

0.9591, 0.0000,

227.6352, 285.1279

0.4687

326.7208,
275.3852, 342.0424

■ 0.0000, 0.0000,
0.0000

■ 52.3182, 36.0972,
50.6643

■ 52.3182, 36.0972,
50.6643

■ 48.5932, 30.4784,
43.7763

■ 56.8762, 43.2319,
58.2912

■ 45.6396, 26.2568,
37.5952

■ 62.3166, 51.9788,
66.6825

■ 43.3919, 23.3047,
32.0886


■ 68.6882, 62.4325,
75.8648


■ 41.7714, 21.4681,
27.2189


■ 76.0355, 74.6786,
85.8624

■ 40.6472, 20.4891,
22.9308

■ 84.3999, 88.7969,
96.6983

 40.6469, 20.4888,
22.9296

 90.1402, 97.5022,
107.1679

 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



47.3189, 36.0972, 79.6096



52.3182, 36.0972, 50.6643



51.9688, 36.0972, 27.4955

Triad

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



52.3182, 36.0972, 50.6643



29.8911, 36.0972, 9.7758



24.5063, 36.0972, 82.9667

Complementary

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



52.3182, 36.0972, 50.6643



47.5748, 70.7445, 52.7461

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.



21.1861, 36.0972, 54.0849



52.3182, 36.0972, 50.6643



23.9337, 36.0972, 15.5900

Square

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



52.3182, 36.0972, 50.6643



38.0755, 36.0972, 9.4794



20.9949, 36.0972, 29.7826



30.8001, 36.0972, 102.7400

Rectangle

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



52.3182, 36.0972, 50.6643



48.7375, 36.0972, 17.7736



20.9949, 36.0972, 29.7826



23.0530, 36.0972, 73.5745

Sweetspot

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



52.3193, 36.0990, 50.6650



81.3179, 76.8887, 90.9033



40.6466, 29.2539, 87.5089



17.0366, 15.8437, 18.9522



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.



52.3193, 36.0990, 50.6650



54.6627, 34.2313, 49.1762



47.2907, 34.0876, 24.1851



16.1278, 15.9008, 18.2293



21.9057, 11.0347, 12.6857



1.8726, 0.9381, 1.3197

Inverse Universe

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



52.3193, 36.0990, 50.6650



54.6627, 34.2313, 49.1762



54.7715, 73.6231, 90.6432



16.1278, 15.9008, 18.2293



21.9057, 11.0347, 12.6857



1.8726, 0.9381, 1.3197

Previews

White Background



This preview shows how the XYZ color 52.3182, 36.0972, 50.6643 looks on a white background.

Color Contrast Check

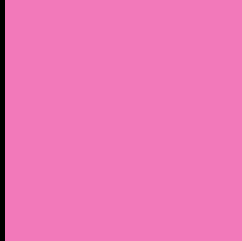
Large Text (above 18pt) WCAG AA × Fail

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 52.3182, 36.0972, 50.6643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

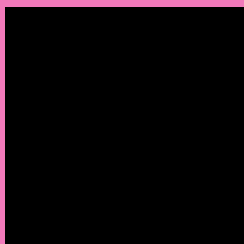
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3182, 36.0972, 50.6643

Background



This preview shows how black text looks on a background with the XYZ color 52.3182, 36.0972, 50.6643.



This preview shows how white text looks on a background with the XYZ color 52.3182, 36.0972,

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

52.3182, 36.0972, 50.6643

Protanopia

36.9679, 36.5897, 68.0649

Deuteranopia

37.0426, 36.2951, 48.2333



Tritanopia

47.9762, 36.0359, 29.2379

Trichromacy



Original Color

52.3182, 36.0972, 50.6643



Protanomaly

40.3498, 34.8146, 61.0931



Deuteranomaly

41.3338, 35.3640, 48.9034



Tritanomaly

49.2718, 35.9638, 36.2431

Monochromacy



Original Color

52.3182, 36.0972, 50.6643



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

40.2826, 35.8495, 44.3317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3182, 36.0972, 50.6643 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, 121, 186)` looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 186)  
}
```

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, 121, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.3182, 36.0972, 50.6643 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, 121, 186) }
```


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

```
.border{ border-color:rgb(242, 121, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 186);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3182, 36.0972, 50.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 186) }
```

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

```
.background{ background-color: rgb(242,  
121, 186) }
```

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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