

Converting Colors

XYZ(50.3774, 36.7583, 52.1721)

Have a look what the booklet for
XYZ(50.3774, 36.7583, 52.1721)
contains.

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Color

**XYZ(50.3384, 36.7519,
52.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	E882BC
RGB	232, 130, 188
RGB Percent	91%, 51%, 74%
CMY	0.0902, 0.4902, 0.2627
CMYK	0.00, 0.44, 0.19, 0.09
HSL	326°, 69%, 71%
HSV	326°, 44%, 91%
XYZ	50.3384, 36.7519, 52.0177
YIQ	167.1100, 42.1740, 39.6620

Conversions

Conversions Part 2

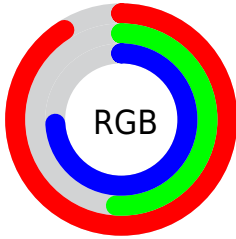
Format	Color
R _Y B	232, 130, 188
Decimal	15237820
CIE Lab	67.09, 46.39, -13.09
CIE LCh	67, 48.199, 344.243
Yxy	36.7519, 0.3619, 0.2642
Android (android.graphics.Color)	4293427900 (0xFFE882BC)
YUV	167.1100, 10.2988, 56.9085
Hunter-Lab	60.6233, 42.1260, -8.4373

Details

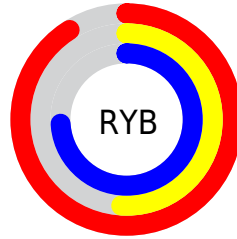
The XYZ color **50.3384, 36.7519, 52.0177** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.7041, 65.5160, 50.2843**, and the grayscale version is **36.7222, 38.6347, 42.0732**.

A 20% lighter version of the original color is **74.9181, 62.4896, 93.7010**, and **24.4826, 16.0557, 24.7304** is the 20% darker color. If you saturate the color by 10%, you get **46.5515, 30.8449, 45.6157**, and if you desaturate by 10%, it is **54.8980, 44.0835, 59.0472**.

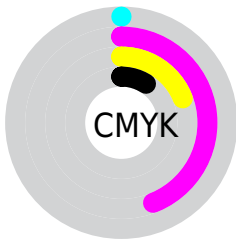
Distribution



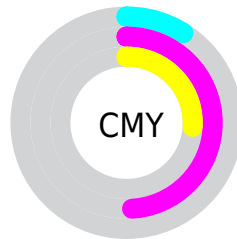
- Red (91%)
- Green (51%)
- Blue (74%)



- Red (91%)
- Yellow (51%)
- Blue (74%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3384, 36.7519, 52.0177 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 50.3384, 36.7519, 52.0177 by changing the saturation by 10% instead.


 50.3384, 36.7519,
52.0177


 50.3384, 36.7519,
52.0177

378.4180,
332.2351, 411.4638


 35.9013, 25.0155,
36.6368

 89.8649, 70.1910,
94.5842

 24.5277, 16.0886,
24.6329


 115.6849, 92.6625,
122.6069

 15.8524, 9.5868,
15.5872


 146.0300,
119.4812, 155.6807

 9.5099, 5.1259,
9.0814

181.2654,
151.0313, 194.2240

 5.1350, 2.3213,
4.6967

221.7566,
187.6974, 238.6554

 2.3623, 0.7850,
2.0148

267.8688,

 0.8262, 0.0000,

229.8638, 289.3935

0.5644

319.9675,
277.9149, 346.8568

■ 0.0000, 0.0000,
0.0000

■ 50.3384, 36.7519,
52.0177

■ 50.3384, 36.7519,
52.0177

■ 46.5515, 30.8449,
45.6157

■ 54.8980, 44.0835,
59.0472

■ 43.4851, 26.2621,
39.8153

■ 60.2713, 52.9210,
66.7239

■ 41.0855, 22.8981,
34.5912

■ 66.5003, 63.3456,
75.0694

■ 39.2896, 20.6290,
29.9145

■ 73.6231, 75.4311,
84.1030

■ 38.0205, 19.3039,
25.7514

■ 81.6754, 89.2468,
93.8432

■ 37.4380, 18.8196,
23.4594

■ 85.9900, 95.4563,
102.7410

■ 87.0889, 95.8959,
108.5274

Harmonies

Analogous

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



45.7240, 36.7519, 76.4859



50.3384, 36.7519, 52.0177



50.4616, 36.7519, 30.8794

Triad

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



50.3384, 36.7519, 52.0177



31.5755, 36.7519, 12.2469



25.7711, 36.7519, 75.3288

Complementary

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



50.3384, 36.7519, 52.0177



45.7041, 65.5160, 50.2843

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.



22.9676, 36.7519, 50.7988



50.3384, 36.7519, 52.0177



25.9869, 36.7519, 17.4954

Square

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



50.3384, 36.7519, 52.0177



38.9031, 36.7519, 12.3728



23.0407, 36.7519, 30.0197



31.2400, 36.7519, 92.8337

Rectangle

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



50.3384, 36.7519, 52.0177



47.9350, 36.7519, 21.3204



23.0407, 36.7519, 30.0197



24.5221, 36.7519, 67.3180

Sweetspot

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



50.3395, 36.7536, 52.0184



83.1538, 79.7558, 93.9956



39.6730, 30.6209, 80.1637



17.4069, 16.4115, 19.6086



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.



50.3395, 36.7536, 52.0184



57.9818, 38.6742, 57.0506



45.8865, 34.9724, 28.5690



14.7186, 14.5046, 16.7187



20.8484, 10.4736, 13.3626



1.5870, 0.7925, 1.2317

Inverse Universe

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



50.3395, 36.7536, 52.0184



57.9818, 38.6742, 57.0506



51.4505, 67.8146, 80.5444



14.7186, 14.5046, 16.7187



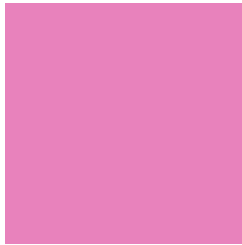
20.8484, 10.4736, 13.3626



1.5870, 0.7925, 1.2317

Previews

White Background



This preview shows how the XYZ color 50.3384, 36.7519, 52.0177 looks on a white background.

Color Contrast Check

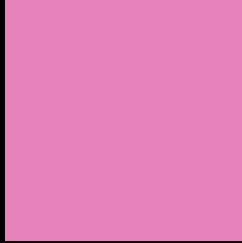
Large Text (above 18pt) WCAG AA × Fail

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 50.3384, 36.7519, 52.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

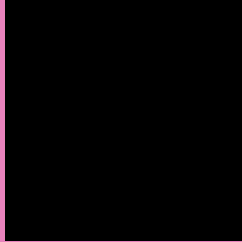
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3384, 36.7519, 52.0177

Background



This preview shows how black text looks on a background with the XYZ color 50.3384, 36.7519, 52.0177.



This preview shows how white text looks on a background with the XYZ color 50.3384, 36.7519,

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

50.3384, 36.7519, 52.0177

Protanopia

37.3157, 37.0731, 66.1618

Deuteranopia

37.7400, 36.8731, 49.9279



Tritanopia

46.4287, 36.8091, 32.6748

Trichromacy



Original Color

50.3384, 36.7519, 52.0177



Protanomaly

40.3894, 35.7803, 60.6546



Deuteranomaly

41.3392, 36.0200, 50.6727



Tritanomaly

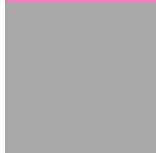
47.5879, 36.6303, 39.2125

Monochromacy



Original Color

50.3384, 36.7519, 52.0177



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

40.7793, 37.2827, 45.6044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3384, 36.7519, 52.0177 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(232, 130, 188)` looks like.

```
.text, #text, p{  
    color:rgb(232, 130, 188)  
}
```

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(232, 130, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 130, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.3384, 36.7519, 52.0177 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(232, 130, 188) }
```


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

```
.border{ border-color:rgb(232, 130, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 130, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 130, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 130, 188);  
box-shadow:4px 4px 4px 4px rgb(232, 130,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3384, 36.7519, 52.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 130, 188) }
```

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

```
.background{ background-color: rgb(232,  
130, 188) }
```

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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