

Converting Colors

XYZ(52.3646, 34.9556, 51.1612)

Have a look what the booklet for
XYZ(52.3646, 34.9556, 51.1612)
contains.

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Color

**XYZ(52.2952, 34.8556,
50.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	F472BB
RGB	244, 114, 187
RGB Percent	96%, 45%, 73%
CMY	0.0431, 0.5529, 0.2667
CMYK	0.00, 0.53, 0.23, 0.04
HSL	326°, 86%, 70%
HSV	326°, 53%, 96%
XYZ	52.2952, 34.8556, 50.9852
YIQ	161.1920, 54.0470, 50.2630

Conversions

Conversions Part 2

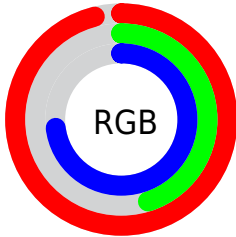
Format	Color
R_{YB}	244, 114, 187
Decimal	16020155
CIE Lab	65.64, 57.83, -14.56
CIE LCh	66, 59.635, 345.873
Yxy	34.8556, 0.3786, 0.2523
Android (android.graphics.Color)	4294210235 (0xFFFF472BB)
YUV	161.1920, 12.7233, 72.6226
Hunter-Lab	59.0386, 54.7940, -9.8752

Details

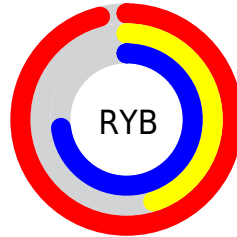
The XYZ color **52.2952, 34.8556, 50.9852** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.6426, 71.2201, 49.8202**, and the grayscale version is **33.8918, 35.6569, 38.8303**.

A 20% lighter version of the original color is **71.7924, 56.4805, 91.9120**, and **25.8237, 15.0616, 24.1004** is the 20% darker color. If you saturate the color by 10%, you get **48.7979, 29.6260, 44.3774**, and if you desaturate by 10%, it is **56.6139, 41.5906, 58.2885**.

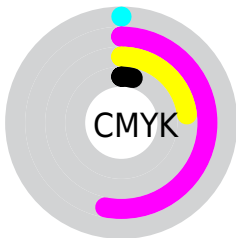
Distribution



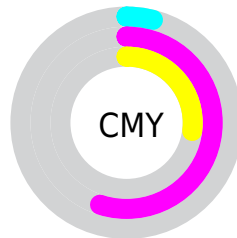
- Red (96%)
- Green (45%)
- Blue (73%)



- Red (96%)
- Yellow (45%)
- Blue (73%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (55%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2952, 34.8556, 50.9852 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 52.2952, 34.8556, 50.9852 by changing the saturation by 10% instead.


 52.2952, 34.8556,
50.9852

 52.2952, 34.8556,
50.9852

385.8805,
323.9305, 407.3512


 37.4656, 23.5517,
35.8202


 92.7381, 67.2620,
93.0442

 25.7436, 15.0014,
24.0068

 119.0822, 89.1333,
120.7752

 16.7636, 8.8204,
15.1264


 149.9951,
115.2958, 153.5320

 10.1603, 4.6242,
8.7605

185.8423,
146.1339, 191.7331

 5.5685, 2.0285,
4.4906

226.9890,
182.0320, 235.7970

 2.6226, 0.6239,
1.8982

273.8008,

 0.9575, 0.0000,

223.3746, 286.1423

0.4916

326.6428,
270.5459, 343.1875

■ 0.0000, 0.0000,
0.0000

■ 52.2952, 34.8556,
50.9852

■ 52.2952, 34.8556,
50.9852

■ 48.7979, 29.6260,
44.3774

■ 56.6139, 41.5906,
58.2885

■ 46.0571, 25.7762,
38.4334

■ 61.8057, 49.9329,
66.3125

■ 44.0030, 23.1691,
33.1208

■ 67.9218, 59.9815,
75.0830

■ 42.5495, 21.6358,
28.4011

■ 75.0083, 71.8259,
84.6237

■ 41.8245, 21.0396,
25.5275

■ 83.1079, 85.5492,
94.9571

90.5117, 97.7305,
105.5212

91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



46.7501, 34.8556, 82.4206



52.2952, 34.8556, 50.9852



52.1153, 34.8556, 26.2279

Triad

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



52.2952, 34.8556, 50.9852



28.7326, 34.8556, 7.8927



22.7311, 34.8556, 84.1761

Complementary

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



52.2952, 34.8556, 50.9852



46.6426, 71.2201, 49.8202

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.



19.4252, 34.8556, 52.7335



52.2952, 34.8556, 50.9852



22.4499, 34.8556, 13.2988

Square

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



52.2952, 34.8556, 50.9852



37.4127, 34.8556, 7.7599



19.3323, 34.8556, 27.3535



29.1858, 34.8556, 106.5856

Rectangle

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



52.2952, 34.8556, 50.9852



48.7382, 34.8556, 16.1215



19.3323, 34.8556, 27.3535



21.2690, 34.8556, 73.8187

Sweetspot

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



52.2962, 34.8573, 50.9859



80.6393, 75.5753, 90.5423



38.9980, 27.1517, 88.7738



16.9084, 15.5873, 18.9094



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.



52.2962, 34.8573, 50.9859



53.6429, 32.3169, 48.4505



46.8813, 32.6913, 22.4710



16.8888, 16.6384, 19.1612



22.8117, 11.4681, 14.2486



2.0565, 1.0286, 1.5241

Inverse Universe

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



52.2962, 34.8573, 50.9859



53.6429, 32.3169, 48.4505



54.3350, 74.2971, 90.3278



16.8888, 16.6384, 19.1612



22.8117, 11.4681, 14.2486



2.0565, 1.0286, 1.5241

Previews

White Background



This preview shows how the XYZ color 52.2952, 34.8556, 50.9852 looks on a white background.

Color Contrast Check

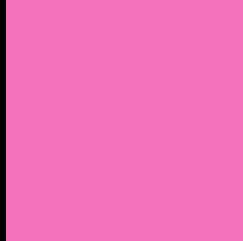
Large Text (above 18pt) WCAG AA × Fail

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 52.2952, 34.8556, 50.9852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

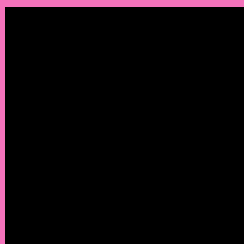
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2952, 34.8556, 50.9852

Background



This preview shows how black text looks on a background with the XYZ color 52.2952, 34.8556, 50.9852.



This preview shows how white text looks on a background with the XYZ color 52.2952, 34.8556,

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

52.2952, 34.8556, 50.9852

Protanopia

36.0371, 35.2665, 71.2374

Deuteranopia

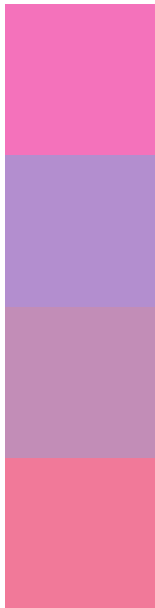
35.8526, 35.1792, 48.0806



Tritanopia

47.2333, 34.7392, 26.7701

Trichromacy



Original Color

52.2952, 34.8556, 50.9852

Protanomaly

39.5259, 33.4347, 63.4018

Deuteranomaly

40.3203, 33.9380, 49.2253

Tritanomaly

48.8628, 34.6754, 34.2547

Monochromacy



Original Color

52.2952, 34.8556, 50.9852

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.7148, 33.9252, 42.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2952, 34.8556, 50.9852 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(244, 114, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 114, 187)  
}
```

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(244, 114, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 114, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.2952, 34.8556, 50.9852 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(244, 114, 187) }
```


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

```
.border{ border-color:rgb(244, 114, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 114, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 114, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 114, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 114,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2952, 34.8556, 50.9852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 114, 187) }
```

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

```
.background{ background-color: rgb(244,  
114, 187) }
```

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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