

Converting Colors

XYZ(52.5555, 35.6313, 45.1818)

Have a look what the booklet for
XYZ(52.5555, 35.6313, 45.1818)
contains.

XYZ(52.5555, 35.6313, 45.1818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5555, 35.6313,
45.1818)**

Conversions

Conversions Part 1

Format	Color
Hex	F775B0
RGB	247, 117, 176
RGB Percent	97%, 46%, 69%
CMY	0.0314, 0.5411, 0.3098
CMYK	0.00, 0.53, 0.29, 0.03
HSL	333°, 89%, 71%
HSV	333°, 53%, 97%
XYZ	52.5555, 35.6313, 45.1818
YIQ	162.5960, 58.5410, 45.9090

Conversions

Conversions Part 2

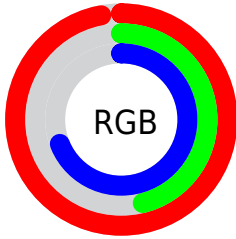
Format	Color
R_{YB}	247, 117, 176
Decimal	16217520
CIE Lab	66.24, 55.92, -7.39
CIE LCh	66, 56.405, 352.474
Yxy	35.6313, 0.3941, 0.2672
Android (android.graphics.Color)	4294407600 (0xFFFF775B0)
YUV	162.5960, 6.6082, 74.0223
Hunter-Lab	59.6920, 52.6985, -3.0932

Details

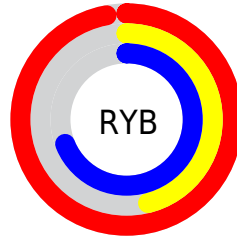
The XYZ color **52.5555, 35.6313, 45.1818** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.6758, 73.9352, 59.2336**, and the grayscale version is **34.5742, 36.3747, 39.6121**.

A 20% lighter version of the original color is **70.7491, 56.9733, 83.6120**, and **25.8004, 15.3575, 20.6733** is the 20% darker color. If you saturate the color by 10%, you get **48.7787, 30.1086, 37.6612**, and if you desaturate by 10%, it is **57.2261, 42.7287, 53.6555**.

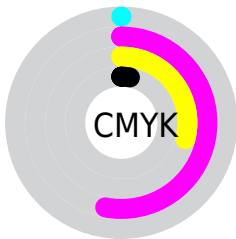
Distribution



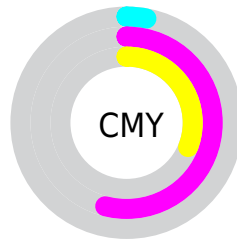
- Red (97%)
- Green (46%)
- Blue (69%)



- Red (97%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (53%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5555, 35.6313, 45.1818 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 52.5555, 35.6313, 45.1818 by changing the saturation by 10% instead.


 52.5555, 35.6313,
45.1818


 52.5555, 35.6313,
45.1818

386.8662,
327.3461, 383.6909


 37.6741, 24.1496,
31.2567

 93.1194, 68.4626,
84.3145

 25.9059, 15.4446,
20.5343


 119.5325, 90.5810,
110.3591

 16.8856, 9.1320,
12.5961


 150.5203,
117.0137, 141.2807

 10.2477, 4.8274,
7.0236

186.4481,
148.1451, 177.4977

 5.6270, 2.1463,
3.3982

227.6812,
184.3597, 219.4286

 2.6581, 0.6905,
1.3014

274.5851,

 0.9757, 0.0000,

226.0418, 267.4922

0.0629

327.5250,
273.5758, 322.1067

■ 0.0000, 0.0000,
0.0000

■ 52.5555, 35.6313,
45.1818

■ 52.5555, 35.6313,
45.1818

■ 48.7787, 30.1086,
37.6612

■ 57.2261, 42.7287,
53.6555

■ 45.8277, 26.0316,
31.0511

■ 62.8456, 51.5059,
63.1180

■ 43.6289, 23.2594,
25.3073

■ 69.4680, 62.0650,
73.6050

■ 42.0927, 21.6196,
20.3792

■ 77.1422, 74.4984,
85.1497

■ 41.2877, 20.9461,
17.2235

■ 85.9138, 88.8921,
97.7836

92.1678, 98.5142,
108.7651

Harmonies

Analogous

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



48.3743, 35.6313, 74.3847



52.5555, 35.6313, 45.1818



51.1098, 35.6313, 23.6521

Triad

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



52.5555, 35.6313, 45.1818



28.0546, 35.6313, 9.8124



24.9426, 35.6313, 88.3202

Complementary

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



52.5555, 35.6313, 45.1818



49.6758, 73.9352, 59.2336

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.



21.0164, 35.6313, 59.3239



52.5555, 35.6313, 45.1818



22.5948, 35.6313, 16.8757

Square

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



52.5555, 35.6313, 45.1818



36.0283, 35.6313, 8.6176



20.2343, 35.6313, 33.0429



31.7929, 35.6313, 105.1812

Rectangle

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



52.5555, 35.6313, 45.1818



47.2451, 35.6313, 15.1779



20.2343, 35.6313, 33.0429



23.2869, 35.6313, 79.2122

Sweetspot

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



52.5565, 35.6331, 45.1825



80.0046, 75.3214, 87.1999



43.4823, 29.9210, 91.4794



16.7573, 15.5268, 18.1137



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.



52.5565, 35.6331, 45.1825



52.2727, 32.1273, 40.1296



48.4480, 34.8163, 20.9986



16.8118, 16.6076, 18.7556



21.9052, 11.1055, 9.4752



1.9764, 0.9965, 1.1020

Inverse Universe

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



52.5565, 35.6331, 45.1825



52.2727, 32.1273, 40.1296



56.0767, 74.3999, 99.4009



16.8118, 16.6076, 18.7556



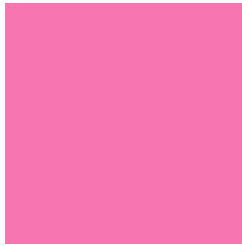
21.9052, 11.1055, 9.4752



1.9764, 0.9965, 1.1020

Previews

White Background



This preview shows how the XYZ color 52.5555, 35.6313, 45.1818 looks on a white background.

Color Contrast Check

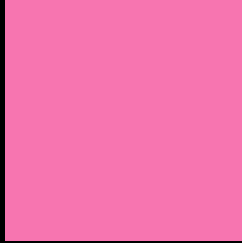
Large Text (above 18pt) WCAG AA × Fail

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 52.5555, 35.6313, 45.1818 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 52.5555, 35.6313, 45.1818

Background



This preview shows how black text looks on a background with the XYZ color 52.5555, 35.6313, 45.1818.



This preview shows how white text looks on a background with the XYZ color 52.5555, 35.6313,

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

52.5555, 35.6313, 45.1818

Protanopia

36.0476, 35.9853, 62.1727

Deuteranopia

36.5463, 35.9005, 43.0335



Tritanopia

48.5988, 35.4431, 26.8340

Trichromacy



Original Color

52.5555, 35.6313, 45.1818



Protanomaly

39.7184, 34.1558, 55.5383



Deuteranomaly

40.9388, 34.6039, 43.5512



Tritanomaly

49.6926, 35.3221, 32.6325

Monochromacy



Original Color

52.5555, 35.6313, 45.1818



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.5949, 34.8543, 41.6865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5555, 35.6313, 45.1818 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(247, 117, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 117, 176)  
}
```

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(247, 117, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 117, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.5555, 35.6313, 45.1818 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(247, 117, 176) }
```


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

```
.border{ border-color:rgb(247, 117, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 117, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 117, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 117, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 117,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5555, 35.6313, 45.1818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 117, 176) }
```

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

```
.background{ background-color: rgb(247,  
117, 176) }
```

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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