

Converting Colors

XYZ(54.2454, 35.1622, 52.5983)

Have a look what the booklet for
XYZ(54.2454, 35.1622, 52.5983)
contains.

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Color

**XYZ(54.2945, 35.1936,
52.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6EBE
RGB	250, 110, 190
RGB Percent	98%, 43%, 75%
CMY	0.0196, 0.5686, 0.2549
CMYK	0.00, 0.56, 0.24, 0.02
HSL	326°, 93%, 71%
HSV	326°, 56%, 98%
XYZ	54.2945, 35.1936, 52.6466
YIQ	160.9800, 57.7600, 54.5600

Conversions

Conversions Part 2

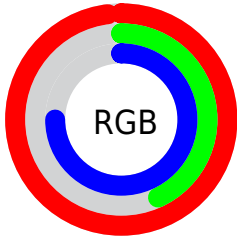
Format	Color
R_{YB}	250, 110, 190
Decimal	16412350
CIE _{Lab}	65.90, 61.85, -15.77
CIE _{LCh}	66, 63.833, 345.696
Yxy	35.1936, 0.3820, 0.2476
Android (android.graphics.Color)	4294602430 (0xFFFA6EBE)
YUV	160.9800, 14.3069, 78.0705
Hunter-Lab	59.3242, 59.5489, -11.0893

Details

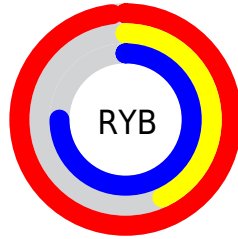
The XYZ color **54.2945, 35.1936, 52.6466** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.8735, 74.5894, 49.9080**, and the grayscale version is **33.7853, 35.5447, 38.7082**.

A 20% lighter version of the original color is **71.6933, 55.5513, 94.1326**, and **26.9786, 15.2093, 25.1807** is the 20% darker color. If you saturate the color by 10%, you get **50.8392, 30.0885, 45.9277**, and if you desaturate by 10%, it is **58.5987, 41.8579, 60.0739**.

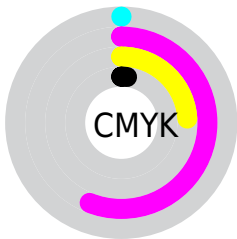
Distribution



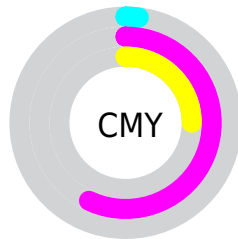
- Red (98%)
- Green (43%)
- Blue (75%)



- Red (98%)
- Yellow (43%)
- Blue (75%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2945, 35.1936, 52.6466 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 54.2945, 35.1936, 52.6466 by changing the saturation by 10% instead.


 54.2945, 35.1936,
52.6466


 54.2945, 35.1936,
52.6466

393.4121,
325.4220, 413.9556


 39.0688, 23.8120,
37.1349

 95.6609, 67.7856,
95.5204

 26.9942, 15.1943,
25.0154


 122.5322, 89.7648,
123.7196

 17.7054, 8.9558,
15.8694


 154.0162,
116.0453, 156.9851

 10.8371, 4.7124,
9.2784

190.4781,
147.0116, 195.7354

 6.0239, 2.0795,
4.8239

232.2832,
183.0481, 240.3891

 2.9004, 0.6531,
2.0874

279.7971,

 1.1013, 0.0000,

224.5390, 291.3646

0.6083

333.3849,
271.8689, 349.0806

■ 0.0262, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2945, 35.1936,
52.6466

■ 54.2945, 35.1936,
52.6466

■ 50.8392, 30.0885,
45.9277

■ 58.5987, 41.8579,
60.0739

■ 48.1619, 26.4051,
39.8836

■ 63.8085, 50.1932,
68.2364

■ 46.1849, 23.9902,
34.4793

■ 69.9794, 60.3070,
77.1614

■ 44.8106, 22.6523,
29.6725

■ 77.1610, 72.2964,
86.8737

■ 44.3712, 22.3027,
27.8941

■ 85.3997, 86.2512,
97.3969

■ 93.1202, 99.0184,
108.2137

■ 93.2344, 99.0640,
108.8150

Harmonies

Analogous

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



48.1893, 35.1936, 87.2846



54.2945, 35.1936, 52.6466



54.1370, 35.1936, 25.9099

Triad

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



54.2945, 35.1936, 52.6466



28.7776, 35.1936, 6.9042



22.3097, 35.1936, 88.8398

Complementary

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



54.2945, 35.1936, 52.6466



47.8735, 74.5894, 49.9080

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.



18.8459, 35.1936, 54.1686



54.2945, 35.1936, 52.6466



22.0725, 35.1936, 12.2767

Square

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



54.2945, 35.1936, 52.6466



38.1369, 35.1936, 6.8004



18.7682, 35.1936, 26.8611



29.1646, 35.1936, 113.9562

Rectangle

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



54.2945, 35.1936, 52.6466



50.4570, 35.1936, 15.2921



18.7682, 35.1936, 26.8611



20.7720, 35.1936, 77.3440

Sweetspot

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



54.2956, 35.1954, 52.6473



79.8976, 74.2528, 89.7988



39.0527, 26.4177, 93.4835



16.7641, 15.3275, 18.7726



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.



54.2956, 35.1954, 52.6473



52.8422, 30.9921, 47.3311



48.4939, 32.8747, 22.0962



17.6603, 17.3915, 20.0667



23.6094, 11.8595, 15.1832



2.2397, 1.1196, 1.6858

Inverse Universe

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



54.2956, 35.1954, 52.6473



52.8422, 30.9921, 47.3311



56.0989, 77.8796, 93.2222



17.6603, 17.3915, 20.0667



23.6094, 11.8595, 15.1832



2.2397, 1.1196, 1.6858

Previews

White Background



This preview shows how the XYZ color 54.2945, 35.1936, 52.6466 looks on a white background.

Color Contrast Check

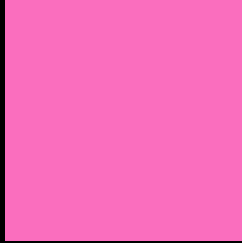
Large Text (above 18pt) WCAG AA × Fail

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 54.2945, 35.1936, 52.6466 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 54.2945, 35.1936, 52.6466

Background



This preview shows how black text looks on a background with the XYZ color 54.2945, 35.1936, 52.6466.



This preview shows how white text looks on a background with the XYZ color 54.2945, 35.1936,

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

54.2945, 35.1936, 52.6466

Protanopia

36.4966, 35.4110, 75.4324

Deuteranopia

36.1616, 35.3028, 49.7080



Tritanopia

48.9040, 35.2443, 26.0551

Trichromacy



Original Color

54.2945, 35.1936, 52.6466



Protanomaly

40.2309, 33.5065, 66.6344



Deuteranomaly

41.1215, 33.8807, 50.8267



Tritanomaly

50.5860, 35.0309, 34.2325

Monochromacy



Original Color

54.2945, 35.1936, 52.6466



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.1117, 33.6620, 43.4657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2945, 35.1936, 52.6466 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(250, 110, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 110, 190)  
}
```

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(250, 110, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 110, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.2945, 35.1936, 52.6466 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(250, 110, 190) }
```


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

```
.border{ border-color:rgb(250, 110, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 110, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 110, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 110, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 110,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2945, 35.1936, 52.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 110, 190) }
```

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

```
.background{ background-color: rgb(250,  
110, 190) }
```

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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