

Converting Colors

XYZ(55.0100, 40.1806, 43.6594)

Have a look what the booklet for
XYZ(55.0100, 40.1806, 43.6594)
contains.

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Color

**XYZ(55.0384, 40.1685,
43.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	F986AC
RGB	249, 134, 172
RGB Percent	98%, 53%, 67%
CMY	0.0235, 0.4745, 0.3255
CMYK	0.00, 0.46, 0.31, 0.02
HSL	340°, 91%, 75%
HSV	340°, 46%, 98%
XYZ	55.0384, 40.1685, 43.8822
YIQ	172.7170, 56.3420, 36.1980

Conversions

Conversions Part 2

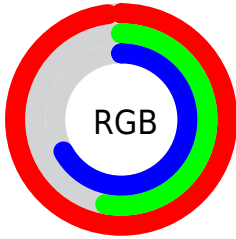
Format	Color
RYB	249, 134, 172
Decimal	16352940
CIELab	69.59, 47.83, -0.16
CIELCh	70, 47.834, 359.804
Yxy	40.1685, 0.3957, 0.2888
Android (android.graphics.Color)	4294543020 (0xFFFF986AC)
YUV	172.7170, -0.3535, 66.9002
Hunter-Lab	63.3786, 44.0979, 3.3137

Details

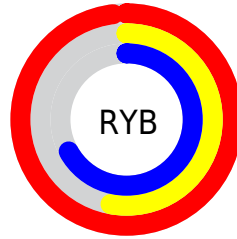
The XYZ color **55.0384, 40.1685, 43.8822** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.4670, 77.5238, 73.6723**, and the grayscale version is **39.5592, 41.6194, 45.3235**.

A 20% lighter version of the original color is **73.3027, 63.2012, 81.0086**, and **27.4940, 18.0405, 19.8024** is the 20% darker color. If you saturate the color by 10%, you get **50.4910, 33.4775, 34.9556**, and if you desaturate by 10%, it is **60.5991, 48.5641, 54.1386**.

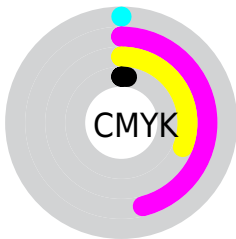
Distribution



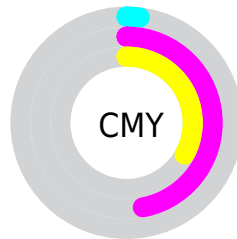
- Red (98%)
- Green (53%)
- Blue (67%)



- Red (98%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0384, 40.1685, 43.8822 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 55.0384, 40.1685, 43.8822 by changing the saturation by 10% instead.


 55.0384, 40.1685,
43.8822


 55.0384, 40.1685,
43.8822


396.1915,
346.8333, 378.2546


 39.6664, 27.6699,
30.2414


 96.7452, 75.4200,
82.3410

 27.4616, 18.0770,
19.7683


 123.8108, 98.9418,
107.9962

 18.0586, 11.0053,
12.0443

 155.5049,
126.9068, 138.4931

 11.0920, 6.0704,
6.6510

192.1929,
159.6993, 174.2505

 6.1965, 2.8879,
3.1697

234.2403,
197.7038, 215.6868

 3.0067, 1.0735,
1.1819

282.0122,

 1.1573, 0.0000,

241.3047, 263.2205

0.0000

335.8742,
290.8864, 317.2703

■ 0.0723, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0384, 40.1685,
43.8822

■ 55.0384, 40.1685,
43.8822

■ 50.4910, 33.4775,
34.9556

■ 60.5991, 48.5641,
54.1386

■ 46.8884, 28.3666,
27.2981

■ 67.2288, 58.7652,
65.7769

■ 44.1585, 24.7040,
20.8474

■ 74.9831, 70.8721,
78.8489

■ 42.2164, 22.3335,
15.5337

■ 83.9127, 84.9758,
93.4030

■ 40.9581, 21.0613,
11.2777

■ 92.8770, 98.8798,
108.7983

■ 40.6003, 20.7531,
9.9025

Harmonies

Analogous

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



52.5068, 40.1685, 68.8053



55.0384, 40.1685, 43.8822



52.5696, 40.1685, 25.8199

Triad

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



55.0384, 40.1685, 43.8822



31.2630, 40.1685, 16.2382



31.1862, 40.1685, 91.7580

Complementary

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



55.0384, 40.1685, 43.8822



55.4670, 77.5238, 73.6723

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.



26.6880, 40.1685, 68.4652



55.0384, 40.1685, 43.8822



26.7280, 40.1685, 25.6431

Square

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



55.0384, 40.1685, 43.8822



38.2297, 40.1685, 13.5021



25.1706, 40.1685, 43.5915



38.1282, 40.1685, 101.5440

Rectangle

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



55.0384, 40.1685, 43.8822



48.5881, 40.1685, 18.6292



25.1706, 40.1685, 43.5915



29.3739, 40.1685, 84.9318

Sweetspot

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



55.0395, 40.1705, 43.8830



81.0871, 77.8546, 86.4256



52.3942, 37.6918, 94.1364



16.9429, 16.0145, 17.8169



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.



55.0395, 40.1705, 43.8830



53.7831, 36.0409, 37.8812



54.7900, 44.7002, 28.2971



17.4811, 17.3198, 19.1232



21.7910, 11.1321, 5.6077



2.0650, 1.0498, 0.7659

Inverse Universe

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



55.0395, 40.1705, 43.8830



53.7831, 36.0409, 37.8812



55.1823, 68.4101, 99.9187



17.4811, 17.3198, 19.1232



21.7910, 11.1321, 5.6077



2.0650, 1.0498, 0.7659

Previews

White Background



This preview shows how the XYZ color 55.0384, 40.1685, 43.8822 looks on a white background.

Color Contrast Check

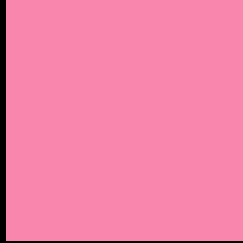
Large Text (above 18pt) WCAG AA × Fail

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 55.0384, 40.1685, 43.8822 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 55.0384, 40.1685, 43.8822

Background



This preview shows how black text looks on a background with the XYZ color 55.0384, 40.1685, 43.8822.



This preview shows how white text looks on a background with the XYZ color 55.0384, 40.1685,

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

55.0384, 40.1685, 43.8822

Protanopia

39.7500, 40.4417, 56.1631

Deuteranopia

41.1692, 40.3917, 42.1857



Tritanopia

52.7915, 40.0892, 32.9725

Trichromacy



Original Color

55.0384, 40.1685, 43.8822



Protanomaly

43.6714, 39.1500, 51.1539



Deuteranomaly

45.2954, 39.6774, 42.8073



Tritanomaly

53.7429, 40.2821, 36.8410

Monochromacy



Original Color

55.0384, 40.1685, 43.8822



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.0284, 40.2309, 44.9800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0384, 40.1685, 43.8822 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(249, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(249, 134, 172)  
}
```

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(249, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 134, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.0384, 40.1685, 43.8822 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(249, 134, 172) }
```


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

```
.border{ border-color:rgb(249, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(249, 134,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0384, 40.1685, 43.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 134, 172) }
```

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

```
.background{ background-color: rgb(249,  
134, 172) }
```

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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