

Converting Colors

XYZ(55.2801, 40.4516, 48.0233)

Have a look what the booklet for
XYZ(55.2801, 40.4516, 48.0233)
contains.

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Color

**XYZ(55.2600, 40.3974,
48.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	F787B4
RGB	247, 135, 180
RGB Percent	97%, 53%, 71%
CMY	0.0314, 0.4706, 0.2941
CMYK	0.00, 0.45, 0.27, 0.03
HSL	336°, 87%, 75%
HSV	336°, 45%, 97%
XYZ	55.2600, 40.3974, 48.0650
YIQ	173.6180, 52.3070, 37.7390

Conversions

Conversions Part 2

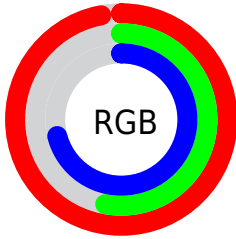
Format	Color
R _Y B	247, 135, 180
Decimal	16222132
CIE Lab	69.75, 47.69, -4.44
CIE LCh	70, 47.899, 354.686
Yxy	40.3974, 0.3845, 0.2811
Android (android.graphics.Color)	4294412212 (0xFFFF787B4)
YUV	173.6180, 3.1463, 64.3560
Hunter-Lab	63.5589, 43.9649, -0.3454

Details

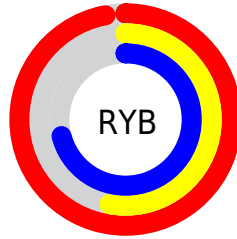
The XYZ color **55.2600, 40.3974, 48.0650** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.9151, 75.9378, 67.6968**, and the grayscale version is **40.0030, 42.0863, 45.8320**.

A 20% lighter version of the original color is **74.7938, 64.1430, 87.7957**, and **27.5871, 18.2583, 22.1489** is the 20% darker color. If you saturate the color by 10%, you get **50.7790, 33.7172, 39.5361**, and if you desaturate by 10%, it is **60.7031, 48.7444, 57.7072**.

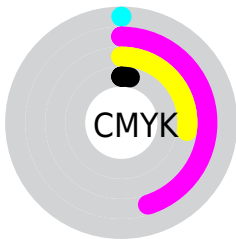
Distribution



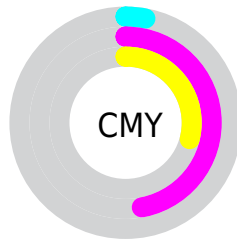
- Red (97%)
- Green (53%)
- Blue (71%)



- Red (97%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2600, 40.3974, 48.0650 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 55.2600, 40.3974, 48.0650 by changing the saturation by 10% instead.


 55.2600, 40.3974,
48.0650


 55.2600, 40.3974,
48.0650


397.0171,
347.7957, 395.5659


 39.8446, 27.8485,
33.5180


 97.0679, 75.7683,
88.6677

 27.6011, 18.2115,
22.2492


 124.1911, 99.3591,
115.5606

 18.1641, 11.1019,
13.8401


 155.9476,
127.3993, 147.4057

 11.1682, 6.1354,
7.8720

192.7028,
160.2734, 184.6218

 6.2482, 2.9276,
3.9266

234.8219,
198.3656, 227.6273

 3.0387, 1.0941,
1.5852

282.6705,

 1.1743, 0.0000,

242.0605, 276.8408

0.2802

336.6138,
291.7424, 332.6808

■ 0.0859, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2600, 40.3974,
48.0650

■ 55.2600, 40.3974,
48.0650

■ 50.7790, 33.7172,
39.5361

■ 60.7031, 48.7444,
57.7072

■ 47.1955, 28.5836,
32.0732

■ 67.1604, 58.8554,
68.5025

■ 44.4423, 24.8700,
25.6282

■ 74.6841, 70.8274,
80.4913

■ 42.4398, 22.4264,
20.1471

■ 83.3217, 84.7483,
93.7112

■ 41.0911, 21.0684,
15.5687

■ 91.9888, 98.4426,
107.8217

■ 40.6213, 20.6796,
13.7137

■ 92.1679, 98.5142,
108.7651

Harmonies

Analogous

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



51.9106, 40.3974, 73.6149



55.2600, 40.3974, 48.0650



53.6193, 40.3974, 28.4380

Triad

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



55.2600, 40.3974, 48.0650



32.4935, 40.3974, 15.4545



30.3980, 40.3974, 88.9052

Complementary

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



55.2600, 40.3974, 48.0650



53.9151, 75.9378, 67.6968

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.



26.3677, 40.3974, 64.3655



55.2600, 40.3974, 48.0650



27.4585, 40.3974, 23.6127

Square

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



55.2600, 40.3974, 48.0650



39.7956, 40.3974, 13.6737



25.3687, 40.3974, 40.1444



37.0306, 40.3974, 101.7607

Rectangle

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



55.2600, 40.3974, 48.0650



50.0172, 40.3974, 20.2516



25.3687, 40.3974, 40.1444



28.7314, 40.3974, 81.4186

Sweetspot

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



55.2611, 40.3994, 48.0658



81.4498, 77.9997, 88.3356



49.3628, 36.3710, 92.4146



17.0308, 16.0496, 18.2794



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.



55.2611, 40.3994, 48.0658



55.1426, 37.0551, 43.5896



52.7563, 41.5732, 28.1680



16.7750, 16.5928, 18.5616



21.5489, 10.9630, 7.5988



1.9433, 0.9833, 0.9279

Inverse Universe

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



55.2611, 40.3994, 48.0658



55.1426, 37.0551, 43.5896



57.2592, 72.8226, 99.0343



16.7750, 16.5928, 18.5616



21.5489, 10.9630, 7.5988



1.9433, 0.9833, 0.9279

Previews

White Background



This preview shows how the XYZ color 55.2600, 40.3974, 48.0650 looks on a white background.

Color Contrast Check

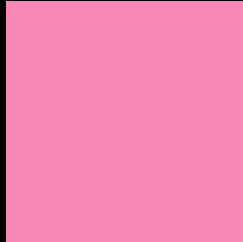
Large Text (above 18pt) WCAG AA × Fail

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 55.2600, 40.3974, 48.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

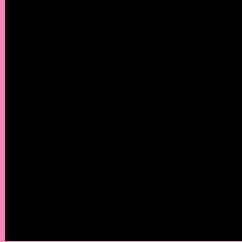
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2600, 40.3974, 48.0650

Background



This preview shows how black text looks on a background with the XYZ color 55.2600, 40.3974, 48.0650.



This preview shows how white text looks on a background with the XYZ color 55.2600, 40.3974,

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

55.2600, 40.3974, 48.0650

Protanopia

40.1585, 40.5327, 61.5841

Deuteranopia

41.3817, 40.6819, 46.2288



Tritanopia

52.2722, 40.2236, 34.2870

Trichromacy



Original Color

55.2600, 40.3974, 48.0650



Protanomaly

44.0427, 39.4783, 56.3377



Deuteranomaly

45.6696, 40.0269, 46.9139



Tritanomaly

53.2663, 40.1981, 39.1340

Monochromacy



Original Color

55.2600, 40.3974, 48.0650



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.4947, 40.6937, 46.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2600, 40.3974, 48.0650 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, 135, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 135, 180)  
}
```

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, 135, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 135, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.2600, 40.3974, 48.0650 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, 135, 180) }
```


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

```
.border{ border-color:rgb(247, 135, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 135, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 135, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 135, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 135,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2600, 40.3974, 48.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 135, 180) }
```

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

```
.background{ background-color: rgb(247,  
135, 180) }
```

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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