

Converting Colors

XYZ(53.2965, 40.3426, 45.2112)

Have a look what the booklet for
XYZ(53.2965, 40.3426, 45.2112)
contains.

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Color

**XYZ(53.1482, 40.2220,
45.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	F18BAE
RGB	241, 139, 174
RGB Percent	95%, 55%, 68%
CMY	0.0549, 0.4549, 0.3176
CMYK	0.00, 0.42, 0.28, 0.05
HSL	339°, 78%, 75%
HSV	339°, 42%, 95%
XYZ	53.1482, 40.2220, 45.0068
YIQ	173.4880, 49.5570, 32.5090

Conversions

Conversions Part 2

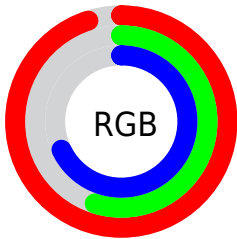
Format	Color
R _Y B	241, 139, 174
Decimal	15829934
CIE Lab	69.63, 42.84, -1.35
CIE LCh	70, 42.865, 358.196
Yxy	40.2220, 0.3841, 0.2907
Android (android.graphics.Color)	4294020014 (0xFFFF18BAE)
YUV	173.4880, 0.2524, 59.2080
Hunter-Lab	63.4208, 38.6009, 2.3192

Details

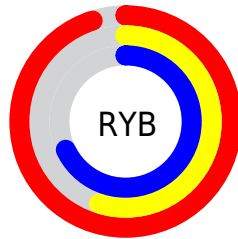
The XYZ color **53.1482, 40.2220, 45.0068** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.2452, 72.8568, 69.6527**, and the grayscale version is **39.9518, 42.0324, 45.7733**.

A 20% lighter version of the original color is **74.6746, 65.5007, 82.8359**, and **26.3691, 18.1280, 20.5216** is the 20% darker color. If you saturate the color by 10%, you get **48.5819, 33.4154, 36.3137**, and if you desaturate by 10%, it is **58.6677, 48.6434, 54.9160**.

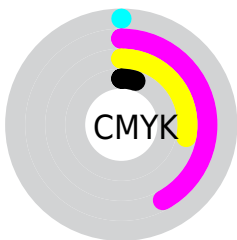
Distribution



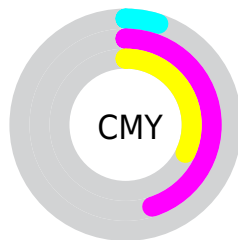
- Red (95%)
- Green (55%)
- Blue (68%)



- Red (95%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (5%)




- Cyan (5%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1482, 40.2220, 45.0068 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 53.1482, 40.2220, 45.0068 by changing the saturation by 10% instead.


 53.1482, 40.2220,
45.0068

 53.1482, 40.2220,
45.0068


389.1050,
347.0584, 382.9620


 38.1490, 27.7117,
31.1198

 93.9867, 75.5014,
84.0492

 26.2761, 18.1084,
20.4309


 120.5567, 99.0394,
110.0416

 17.1641, 11.0279,
12.5214


 151.7143,
127.0219, 140.9063

 10.4476, 6.0856,
6.9730

187.8250,
159.8335, 177.0617

 5.7612, 2.8972,
3.3670

229.2541,
197.8586, 218.9265

 2.7397, 1.0783,
1.2850

276.3668,

 1.0177, 0.0000,

241.4815, 266.9191

0.0494

329.5287,
291.0866, 321.4581

■ 0.0000, 0.0000,
0.0000

■ 53.1482, 40.2220,
45.0068

■ 53.1482, 40.2220,
45.0068

■ 48.5819, 33.4154,
36.3137

■ 58.6677, 48.6434,
54.9160

■ 44.9082, 28.1131,
28.7841

■ 65.1896, 58.7690,
66.0860

■ 42.0642, 24.1998,
22.3647

■ 72.7634, 70.6887,
78.5618

■ 39.9768, 21.5407,
16.9963

■ 81.4343, 84.4840,
92.3855

■ 38.5588, 19.9734,
12.6125

■ 89.7903, 97.3227,
107.1124

■ 37.8250, 19.3205,
9.8562

■ 90.0857, 97.4408,
108.6677

Harmonies

Analogous

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



50.7038, 40.2220, 67.1320



53.1482, 40.2220, 45.0068



51.2116, 40.2220, 28.1305

Triad

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



53.1482, 40.2220, 45.0068



32.2754, 40.2220, 18.0440



31.6310, 40.2220, 84.8718

Complementary

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



53.1482, 40.2220, 45.0068



53.2452, 72.8568, 69.6527

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.



27.6512, 40.2220, 64.4046



53.1482, 40.2220, 45.0068



27.9904, 40.2220, 26.6103

Square

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



53.1482, 40.2220, 45.0068



38.6506, 40.2220, 15.6614



26.4022, 40.2220, 42.6050



37.8120, 40.2220, 94.0580

Rectangle

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



53.1482, 40.2220, 45.0068



47.8137, 40.2220, 21.0695



26.4022, 40.2220, 42.6050



30.0207, 40.2220, 78.8292

Sweetspot

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



53.1493, 40.2240, 45.0076



82.0614, 79.3189, 88.2436



50.3711, 37.8402, 87.8683



17.1381, 16.3039, 18.1929



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.



53.1493, 40.2240, 45.0076



55.7824, 38.8006, 42.3668



52.5425, 43.7773, 30.1092



15.9966, 15.8484, 17.5385



20.5685, 10.4998, 5.6443



1.7562, 0.8915, 0.7068

Inverse Universe

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



53.1493, 40.2240, 45.0076



55.7824, 38.8006, 42.3668



53.6409, 66.0707, 93.1450



15.9966, 15.8484, 17.5385



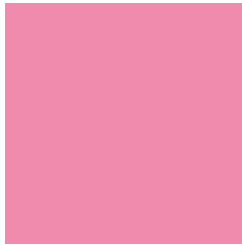
20.5685, 10.4998, 5.6443



1.7562, 0.8915, 0.7068

Previews

White Background



This preview shows how the XYZ color 53.1482, 40.2220, 45.0068 looks on a white background.

Color Contrast Check

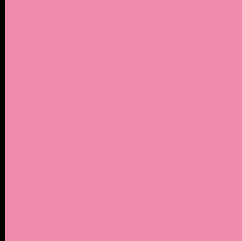
Large Text (above 18pt) WCAG AA × Fail

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 53.1482, 40.2220, 45.0068 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 53.1482, 40.2220, 45.0068

Background



This preview shows how black text looks on a background with the XYZ color 53.1482, 40.2220, 45.0068.



This preview shows how white text looks on a background with the XYZ color 53.1482, 40.2220,

45.0068.

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

53.1482, 40.2220, 45.0068

Protanopia

39.6387, 40.3972, 55.5774

Deuteranopia

41.2043, 40.3773, 43.6521



Tritanopia

51.1688, 40.2956, 35.2179

Trichromacy



Original Color

53.1482, 40.2220, 45.0068



Protanomaly

43.2320, 39.4258, 51.2303



Deuteranomaly

44.9713, 39.9826, 43.8752



Tritanomaly

52.0412, 40.4445, 38.7819

Monochromacy



Original Color

53.1482, 40.2220, 45.0068



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.5764, 40.5126, 45.0582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1482, 40.2220, 45.0068 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(241, 139, 174)` looks like.

```
.text, #text, p{  
    color:rgb(241, 139, 174)  
}
```

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(241, 139, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 139, 174) }
```

Border

The CSS property to change the border of an element to XYZ 53.1482, 40.2220, 45.0068 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(241, 139, 174) }
```


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

```
.border{ border-color:rgb(241, 139, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 139, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 139, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 139, 174);  
box-shadow:4px 4px 4px 4px rgb(241, 139,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1482, 40.2220, 45.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 139, 174) }
```

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

```
.background{ background-color: rgb(241,  
139, 174) }
```

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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