

Converting Colors

XYZ(45.1873, 23.3869, 25.5586)

Have a look what the booklet for
XYZ(45.1873, 23.3869, 25.5586)
contains.

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Color

**XYZ(45.0041, 23.3035,
25.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1C88
RGB	252, 28, 136
RGB Percent	99%, 11%, 53%
CMY	0.0118, 0.8901, 0.4667
CMYK	0.00, 0.89, 0.46, 0.01
HSL	331°, 97%, 55%
HSV	331°, 89%, 99%
XYZ	45.0041, 23.3035, 25.4186
YIQ	107.2880, 98.8360, 81.0760

Conversions

Conversions Part 2

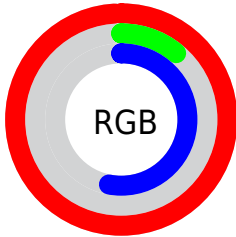
Format	Color
R_{YB}	252, 28, 136
Decimal	16522376
CIE Lab	55.38, 82.02, -0.07
CIE LCh	55, 82.022, 359.949
Yxy	23.3035, 0.4802, 0.2486
Android (android.graphics.Color)	4294712456 (0xFFFC1C88)
YUV	107.2880, 14.1550, 126.9124
Hunter-Lab	48.2737, 81.9311, 2.5723

Details

The XYZ color **45.0041, 23.3035, 25.4186** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **40.3262, 71.8825, 38.1460**, and the grayscale version is **14.0018, 14.7309, 16.0420**.

A 20% lighter version of the original color is **55.5793, 35.2422, 52.0172**, and **22.7066, 11.5069, 10.0411** is the 20% darker color. If you saturate the color by 10%, you get **43.7475, 22.1856, 20.6986**, and if you desaturate by 10%, it is **46.8573, 25.4341, 30.8951**.

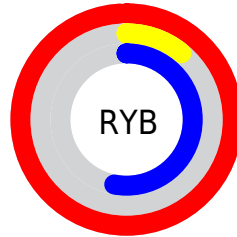
Distribution



Red (99%)

Green (11%)

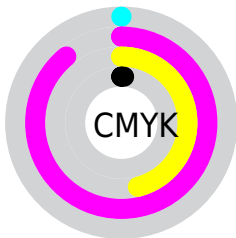
Blue (53%)



Red (99%)

Yellow (11%)

Blue (53%)

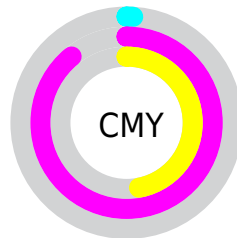


Cyan (0%)

Magenta (89%)

Yellow (46%)

Black (1%)



Cyan (1%)


Magenta (89%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0041, 23.3035, 25.4186 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 45.0041, 23.3035, 25.4186 by changing the saturation by 10% instead.

 45.0041, 23.3035,
25.4186


 45.0041, 23.3035,
25.4186


357.5736,
269.2800, 293.4303


 31.6619, 14.8178,
16.1673


 81.9636, 48.8912,
53.3080


 21.2577, 8.6916,
9.4870


 106.3116, 66.7619,
72.7833


 13.4260, 4.5406,
4.9591


 135.0590, 88.5298,
96.5036

 7.8016, 1.9803,
2.1649

 168.5711,
114.5792, 124.8875

 4.0190, 0.5960,
0.6540

 207.2133,
145.2946, 158.3537

 1.7129, 0.0000,
0.0000

251.3508,

 0.4643, 0.0000,

181.0602, 197.3205

0.0000

301.3491,
222.2606, 242.2065

■ 0.0000, 0.0000,
0.0000

■ 45.0041, 23.3035,
25.4186

■ 45.0041, 23.3035,
25.4186

■ 43.7475, 22.1856,
20.6986

■ 46.8573, 25.4341,
30.8951

■ 43.6258, 22.0878,
20.2092

■ 49.4306, 28.8176,
37.1878

■ 52.8109, 33.6226,
44.3438

■ 57.0719, 39.9905,
52.4048

■ 62.2782, 48.0452,
61.4090

■ 68.4880, 57.8981,
71.3918

■ 75.7547, 69.6511,
82.3862

■ 84.1280, 83.3982,
94.4237

■ 93.6538, 99.2274,
107.5339

Harmonies

Analogous

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



41.2915, 23.3035, 60.1985



45.0041, 23.3035, 25.4186



41.3153, 23.3035, 7.5393

Triad

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



45.0041, 23.3035, 25.4186



14.4309, 23.3035, 1.9144



14.4104, 23.3035, 99.4849

Complementary

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



45.0041, 23.3035, 25.4186



40.3262, 71.8825, 38.1460

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.



10.0734, 23.3035, 60.0599



45.0041, 23.3035, 25.4186



10.0827, 23.3035, 7.5047

Square

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



45.0041, 23.3035, 25.4186



22.1650, 23.3035, 0.9415



8.7383, 23.3035, 25.3286



22.1336, 23.3035, 117.4216

Rectangle

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



45.0041, 23.3035, 25.4186



35.6141, 23.3035, 2.9826



8.7383, 23.3035, 25.3286



12.5947, 23.3035, 87.3842

Sweetspot

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



45.0047, 23.3049, 25.4190



71.6617, 61.5735, 75.3614



29.4440, 13.7667, 93.2007



14.8318, 12.3667, 15.3417



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.



45.0047, 23.3049, 25.4190



44.8108, 22.6883, 20.7335



40.8649, 21.7996, 3.1543



17.5932, 17.3646, 19.7135



22.7989, 11.5353, 10.9153



2.1649, 1.0897, 1.2915

Inverse Universe

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



45.0047, 23.3049, 25.4190



44.8108, 22.6883, 20.7335



51.6999, 74.5747, 103.7649



17.5932, 17.3646, 19.7135



22.7989, 11.5353, 10.9153



2.1649, 1.0897, 1.2915

Previews

White Background



This preview shows how the XYZ color 45.0041, 23.3035, 25.4186 looks on a white background.

Color Contrast Check

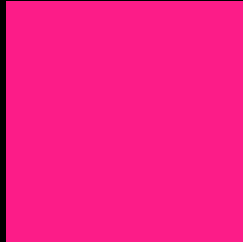
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0041, 23.3035, 25.4186 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 × Fail

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

XYZ 45.0041, 23.3035, 25.4186

Background



This preview shows how black text looks on a background with the XYZ color 45.0041, 23.3035, 25.4186.



This preview shows how white text looks on a background with the XYZ color 45.0041, 23.3035,

25.4186.

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

45.0041, 23.3035, 25.4186

Protanopia

24.5520, 23.5936, 53.7121

Deuteranopia

24.0106, 23.5964, 23.0277



Tritanopia

41.0910, 23.4106, 6.6279

Trichromacy



Original Color

45.0041, 23.3035, 25.4186



Protanomaly

26.7589, 18.8765, 41.2629



Deuteranomaly

28.1061, 19.7051, 23.4412



Tritanomaly

41.8853, 22.9582, 11.4563

Monochromacy



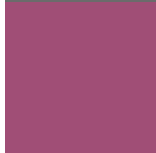
Original Color

45.0041, 23.3035, 25.4186



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

20.4916, 14.2304, 18.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0041, 23.3035, 25.4186 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(252, 28, 136)` looks like.

```
.text, #text, p{  
    color:rgb(252, 28, 136)  
}
```

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(252, 28, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 28, 136) }
```

Border

The CSS property to change the border of an element to XYZ 45.0041, 23.3035, 25.4186 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(252, 28, 136) }
```


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

```
.border{ border-color:rgb(252, 28, 136) }
```

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

Here you see how a box with a 4 pixel rgb(252, 28, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 28, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 28, 136);  
box-shadow:4px 4px 4px 4px rgb(252, 28,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0041, 23.3035, 25.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 28, 136) }
```

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

```
.background{ background-color: rgb(252, 28,  
136) }
```

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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