

Converting Colors

XYZ(43.6053, 22.5513, 45.1798)

Have a look what the booklet for
XYZ(43.6053, 22.5513, 45.1798)
contains.

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Color

**XYZ(43.5234, 22.5144,
45.2318)**

Conversions

Conversions Part 1

Format	Color
Hex	EC26B4
RGB	236, 38, 180
RGB Percent	93%, 15%, 71%
CMY	0.0745, 0.8509, 0.2941
CMYK	0.00, 0.84, 0.24, 0.07
HSL	317°, 84%, 54%
HSV	317°, 84%, 93%
XYZ	43.5234, 22.5144, 45.2318
YIQ	113.3900, 72.4260, 86.1380

Conversions

Conversions Part 2

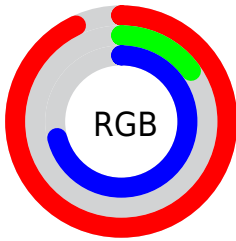
Format	Color
R _Y B	236, 38, 180
Decimal	15476404
CIE Lab	54.57, 81.21, -27.56
CIE LCh	55, 85.762, 341.255
Yxy	22.5144, 0.3912, 0.2023
Android (android.graphics.Color)	4293666484 (0xFFEC26B4)
YUV	113.3900, 32.8387, 107.5290
Hunter-Lab	47.4493, 80.6946, -23.3045

Details

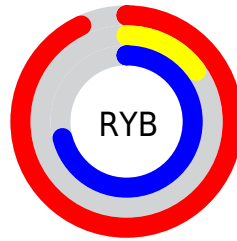
The XYZ color **43.5234, 22.5144, 45.2318** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **32.8167, 61.2120, 20.6793**, and the grayscale version is **15.7049, 16.5227, 17.9933**.

A 20% lighter version of the original color is **61.9563, 38.4680, 83.5165**, and **21.5100, 10.6463, 20.9999** is the 20% darker color. If you saturate the color by 10%, you get **42.3292, 21.1881, 41.5590**, and if you desaturate by 10%, it is **45.2291, 24.8107, 49.2370**.

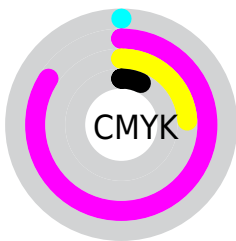
Distribution



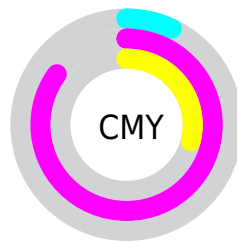
- Red (93%)
- Green (15%)
- Blue (71%)



- Red (93%)
- Yellow (15%)
- Blue (71%)



- Cyan (0%)
- Magenta (84%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (85%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5234, 22.5144, 45.2318 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 43.5234, 22.5144, 45.2318 by changing the saturation by 10% instead.

 43.5234, 22.5144,
45.2318

 43.5234, 22.5144,
45.2318

351.6450,
265.2209, 383.8990

 30.4923, 14.2354,
31.2958


 79.7509, 47.5947,
84.3903

 20.3625, 8.2845,
20.5638


 103.6780, 65.1648,
110.4498


 12.7686, 4.2776,
12.6174


 131.9678, 86.6007,
141.3876

 7.3453, 1.8300,
7.0380

 164.9857,
112.2868, 177.6221

 3.7272, 0.5058,
3.4071

 203.0970,
142.6074, 219.5720

 1.5490, 0.0000,
1.3061

246.6671,

 0.3588, 0.0000,

177.9471, 267.6558

0.0667

296.0613,
218.6901, 322.2919

■ 0.0000, 0.0000,
0.0000

■ 43.5234, 22.5144,
45.2318

■ 43.5234, 22.5144,
45.2318

■ 42.3292, 21.1881,
41.5590

■ 45.2291, 24.8107,
49.2370

■ 41.7769, 20.7068,
39.4527

■ 47.5227, 28.2302,
53.6019

■ 50.4698, 32.9027,
58.3506

■ 54.1263, 38.9394,
63.5038

■ 58.5418, 46.4391,
69.0802

63.7616, 55.4914,
75.0969

69.8272, 66.1788,
81.5697

76.7772, 78.5778,
88.5135

84.6477, 92.7601,
95.9423

Harmonies

Analogous

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



35.6915, 22.5144, 87.7853



43.5234, 22.5144, 45.2318



44.5133, 22.5144, 15.7250

Triad

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



43.5234, 22.5144, 45.2318



18.0574, 22.5144, 0.6971



10.4721, 22.5144, 77.0469

Complementary

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



43.5234, 22.5144, 45.2318



32.8167, 61.2120, 20.6793

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.



8.1033, 22.5144, 36.0875



43.5234, 22.5144, 45.2318



11.5452, 22.5144, 2.5465

Square

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



43.5234, 22.5144, 45.2318



27.7591, 22.5144, 0.8998



8.4279, 22.5144, 11.3441



16.0936, 22.5144, 113.6598

Rectangle

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



43.5234, 22.5144, 45.2318



40.9021, 22.5144, 6.2555



8.4279, 22.5144, 11.3441



9.3556, 22.5144, 62.4461

Sweetspot

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



43.5241, 22.5156, 45.2322



75.2068, 64.7433, 88.6292



20.1300, 9.6582, 80.1604



15.6124, 13.0138, 18.4205



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.



43.5241, 22.5156, 45.2322



49.7740, 24.6736, 46.8693



36.8945, 19.8637, 10.3210



15.5226, 15.2369, 18.0371



23.0863, 11.4372, 22.0535



1.8537, 0.9144, 1.9468

Inverse Universe

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



43.5241, 22.5156, 45.2322



49.7740, 24.6736, 46.8693



40.0684, 64.1127, 58.8664



15.5226, 15.2369, 18.0371



23.0863, 11.4372, 22.0535



1.8537, 0.9144, 1.9468

Previews

White Background



This preview shows how the XYZ color 43.5234, 22.5144, 45.2318 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

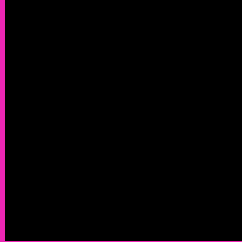
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5234, 22.5144, 45.2318

Background



This preview shows how black text looks on a background with the XYZ color 43.5234, 22.5144, 45.2318.



This preview shows how white text looks on a background with the XYZ color 43.5234, 22.5144,

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

43.5234, 22.5144, 45.2318

Protanopia

26.6246, 23.0524, 91.0420

Deuteranopia

23.3239, 22.8502, 40.7173



Tritanopia

36.1718, 22.4109, 10.4019

Trichromacy



Original Color

43.5234, 22.5144, 45.2318



Protanomaly

26.3136, 18.1013, 71.9191



Deuteranomaly

27.2427, 19.3822, 41.8405



Tritanomaly

38.0025, 21.8519, 19.3544

Monochromacy



Original Color

43.5234, 22.5144, 45.2318



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

21.9437, 15.7308, 25.5467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5234, 22.5144, 45.2318 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(236, 38, 180)` looks like.

```
.text, #text, p{  
    color:rgb(236, 38, 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(236, 38, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 38, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.5234, 22.5144, 45.2318 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(236, 38, 180) }
```


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

```
.border{ border-color:rgb(236, 38, 180) }
```

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

Here you see how a box with a 4 pixel rgb(236, 38, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 38, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 38, 180);  
box-shadow:4px 4px 4px 4px rgb(236, 38,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5234, 22.5144, 45.2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 38, 180) }
```

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

```
.background{ background-color: rgb(236, 38,  
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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