

Converting Colors

XYZ(43.0346, 21.7185, 44.6074)

Have a look what the booklet for
XYZ(43.0346, 21.7185, 44.6074)
contains.

XYZ(43.0554, 21.7408, 44.5749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0554, 21.7408,
44.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	EC18B3
RGB	236, 24, 179
RGB Percent	93%, 9%, 70%
CMY	0.0745, 0.9058, 0.2980
CMYK	0.00, 0.90, 0.24, 0.07
HSL	316°, 85%, 51%
HSV	316°, 90%, 93%
XYZ	43.0554, 21.7408, 44.5749
YIQ	105.0580, 76.5970, 93.1490

Conversions

Conversions Part 2

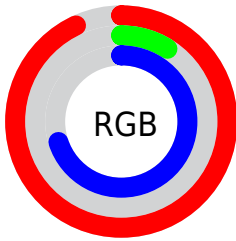
Format	Color
R _Y B	236, 24, 179
Decimal	15472819
CIE Lab	53.75, 83.35, -28.24
CIE LCh	54, 88.007, 341.280
Yxy	21.7408, 0.3937, 0.1988
Android (android.graphics.Color)	4293662899 (0xFFEC18B3)
YUV	105.0580, 36.4534, 114.8361
Hunter-Lab	46.6270, 83.2296, -24.0416

Details

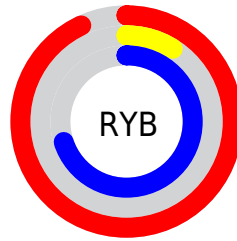
The XYZ color **43.0554, 21.7408, 44.5749** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **31.8591, 60.7802, 17.8422**, and the grayscale version is **13.3366, 14.0312, 15.2799**.

A 20% lighter version of the original color is **61.1857, 37.1588, 82.5448**, and **21.4451, 10.6203, 20.6583** is the 20% darker color. If you saturate the color by 10%, you get **42.1063, 20.8460, 41.1644**, and if you desaturate by 10%, it is **44.4275, 23.4338, 48.2725**.

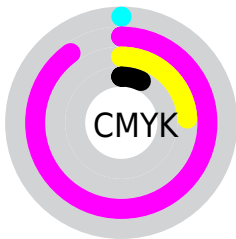
Distribution



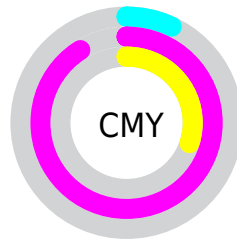
- Red (93%)
- Green (9%)
- Blue (70%)



- Red (93%)
- Yellow (9%)
- Blue (70%)



- Cyan (0%)
- Magenta (90%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0554, 21.7408, 44.5749 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 43.0554, 21.7408, 44.5749 by changing the saturation by 10% instead.

 43.0554, 21.7408,
44.5749

 43.0554, 21.7408,
44.5749

349.7572,
261.1897, 381.1590


 30.1233, 13.6666,
30.7822

 79.0496, 46.3172,
83.3938

 20.0807, 7.8891,
20.1760


 102.8425, 63.5882,
109.2571


 12.5623, 4.0241,
12.3377


 130.9863, 84.6935,
139.9810

 7.2028, 1.6870,
6.8488

 163.8464,
110.0177, 175.9841

 3.6367, 0.4152,
3.2907

 201.7882,
139.9449, 217.6849

 1.4987, 0.0000,
1.2449

245.1771,

 0.3250, 0.0000,

174.8598, 265.5020

0.0160

294.3783,
215.1465, 319.8538

■ 0.0000, 0.0000,
0.0000

■ 43.0554, 21.7408,
44.5749

■ 43.0554, 21.7408,
44.5749

■ 42.1063, 20.8460,
41.1644

■ 44.4275, 23.4338,
48.2725

■ 42.0906, 20.8323,
41.1047

■ 46.3402, 26.1603,
52.2977

■ 48.8662, 30.0650,
56.6769

■ 52.0662, 35.2684,
61.4322

■ 55.9932, 41.8763,
66.5829

60.6949, 49.9833,
72.1467

66.2148, 59.6759,
78.1400

72.5932, 71.0341,
84.5777

79.8675, 84.1322,
91.4741

Harmonies

Analogous

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



35.0968, 21.7408, 88.1417



43.0554, 21.7408, 44.5749



44.0571, 21.7408, 14.8919

Triad

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



43.0554, 21.7408, 44.5749



17.3137, 21.7408, 0.4452



9.8070, 21.7408, 77.1767

Complementary

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



43.0554, 21.7408, 44.5749



31.8591, 60.7802, 17.8422

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.



7.4879, 21.7408, 35.3626



43.0554, 21.7408, 44.5749



10.8552, 21.7408, 2.1580

Square

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



43.0554, 21.7408, 44.5749



27.0520, 21.7408, 0.6518



7.8019, 21.7408, 10.6037



15.3702, 21.7408, 114.8884

Rectangle

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



43.0554, 21.7408, 44.5749



40.3758, 21.7408, 5.6425



7.8019, 21.7408, 10.6037



8.7117, 21.7408, 62.2080

Sweetspot

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



43.0561, 21.7420, 44.5753



74.0416, 62.5255, 87.8939



18.8226, 8.4401, 79.9943



15.3943, 12.5917, 18.3038



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.



43.0561, 21.7420, 44.5753



50.1488, 24.8235, 48.8429



36.1382, 18.9748, 8.1460



15.5319, 15.2406, 18.0862



23.2577, 11.5058, 22.9562



1.8660, 0.9194, 2.0116

Inverse Universe

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



43.0561, 21.7420, 44.5753



50.1488, 24.8235, 48.8429



39.2933, 63.7539, 56.9905



15.5319, 15.2406, 18.0862



23.2577, 11.5058, 22.9562



1.8660, 0.9194, 2.0116

Previews

White Background



This preview shows how the XYZ color 43.0554, 21.7408, 44.5749 looks on a white background.

Color Contrast Check

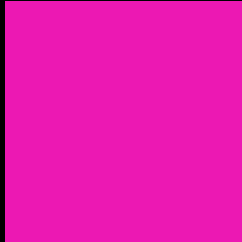
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0554, 21.7408, 44.5749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

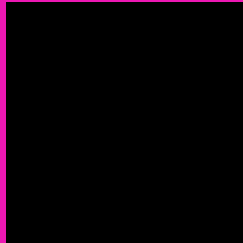
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0554, 21.7408, 44.5749

Background



This preview shows how black text looks on a background with the XYZ color 43.0554, 21.7408, 44.5749.



This preview shows how white text looks on a background with the XYZ color 43.0554, 21.7408,

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

43.0554, 21.7408, 44.5749

Protanopia

26.2675, 22.4165, 94.2092

Deuteranopia

22.5424, 22.0708, 40.1178



Tritanopia

35.7170, 21.7949, 9.3455

Trichromacy



Original Color

43.0554, 21.7408, 44.5749



Protanomaly

24.8261, 16.4088, 73.0929



Deuteranomaly

26.2068, 18.0774, 41.1378



Tritanomaly

37.3584, 20.9362, 17.9917

Monochromacy



Original Color

43.0554, 21.7408, 44.5749



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

19.8862, 13.6071, 23.4081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0554, 21.7408, 44.5749 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, 24, 179)` looks like.

```
.text, #text, p{  
    color:rgb(236, 24, 179)  
}
```

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, 24, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 24, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.0554, 21.7408, 44.5749 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, 24, 179) }
```


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

```
.border{ border-color:rgb(236, 24, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 24, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 24, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 24, 179);  
box-shadow:4px 4px 4px 4px rgb(236, 24,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0554, 21.7408, 44.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 24, 179) }
```

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

```
.background{ background-color: rgb(236, 24,  
179) }
```

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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