

Converting Colors

XYZ(43.0078, 20.3070, 48.6243)

Have a look what the booklet for
XYZ(43.0078, 20.3070, 48.6243)
contains.

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Color

**XYZ(43.5617, 21.4207,
48.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	EC00BB
RGB	236, 0, 187
RGB Percent	93%, 0%, 73%
CMY	0.0745, 0.9998, 0.2667
CMYK	0.00, 1.00, 0.21, 0.07
HSL	312°, 100%, 46%
HSV	312°, 100%, 93%
XYZ	43.5617, 21.4207, 48.8524
YIQ	91.8820, 80.6290, 108.1890

Conversions

Conversions Part 2

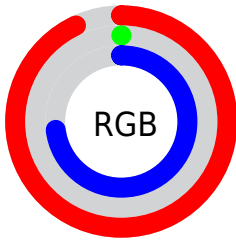
Format	Color
R_{YB}	236, 0, 187
Decimal	15466683
CIE _{Lab}	53.41, 86.33, -33.44
CIE _{LCh}	53, 92.585, 338.825
Yxy	21.4207, 0.3827, 0.1882
Android (android.graphics.Color)	4293656763 (0xFFEC00BB)
YUV	91.8820, 46.8932, 126.3915
Hunter-Lab	46.2825, 87.0122, -30.1844

Details

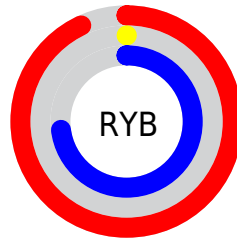
The XYZ color **43.5617, 21.4207, 48.8524** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **30.5515, 60.2137, 12.9230**, and the grayscale version is **10.0343, 10.5569, 11.4964**.

A 20% lighter version of the original color is **61.9368, 36.5270, 89.3739**, and **21.9128, 10.8074, 23.1214** is the 20% darker color. If you saturate the color by 10%, you get **43.5609, 21.4204, 48.8472**, and if you desaturate by 10%, it is **44.4151, 22.2731, 51.7701**.

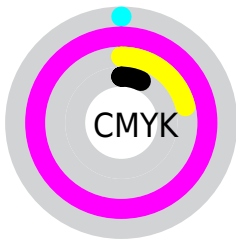
Distribution



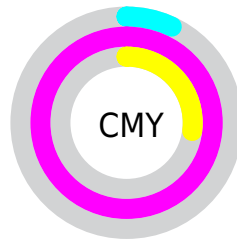
- Red (93%)
- Green (0%)
- Blue (73%)



- Red (93%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5617, 21.4207, 48.8524 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 43.5617, 21.4207, 48.8524 by changing the saturation by 10% instead.

 43.5617, 21.4207,
48.8524

 43.5617, 21.4207,
48.8524

351.7992,
259.5059, 398.7667


 30.5225, 13.4319,
34.1376


 79.8082, 45.7867,
89.8509


 20.3856, 7.7266,
22.7211


 103.7463, 62.9326,
116.9717

 12.7855, 3.9205,
14.1844


 132.0480, 83.8996,
149.0650

 7.3570, 1.6292,
8.1088

 165.0788,
109.0722, 186.5492

 3.7347, 0.3772,
4.0759

 203.2039,
138.8347, 229.8430

 1.5531, 0.0000,
1.6671

246.7888,

 0.3616, 0.0000,

173.5716, 279.3648

0.3380

296.1988,
213.6672, 335.5332

■ 0.0000, 0.0000,
0.0000

■ 43.5617, 21.4207,
48.8524

■ 43.5617, 21.4207,
48.8524

■ 43.5609, 21.4204,
48.8472

■ 44.4151, 22.2731,
51.7701

■ 45.6740, 23.9079,
54.9121

■ 47.4613, 26.5701,
58.3202

■ 49.8489, 30.4036,
62.0193

■ 52.8975, 35.5292,
66.0305

■ 56.6600, 42.0528,
70.3721

■ 61.1840, 50.0690,
75.0609

■ 66.5129, 59.6645,
80.1121

■ 72.6867, 70.9191,
85.5399

Harmonies

Analogous

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



34.6584, 21.4207, 96.0270



43.5617, 21.4207, 48.8524



45.3328, 21.4207, 15.9652

Triad

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



43.5617, 21.4207, 48.8524



17.5953, 21.4207, 0.0414



8.8986, 21.4207, 76.3873

Complementary

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



43.5617, 21.4207, 48.8524



30.5515, 60.2137, 12.9230

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.



6.8109, 21.4207, 32.6533



43.5617, 21.4207, 48.8524



10.6596, 21.4207, 1.4621

Square

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



43.5617, 21.4207, 48.8524



27.9794, 21.4207, 0.4018



7.3308, 21.4207, 8.7246



14.2666, 21.4207, 118.9801

Rectangle

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



43.5617, 21.4207, 48.8524



41.8159, 21.4207, 5.7485



7.3308, 21.4207, 8.7246



7.8836, 21.4207, 60.3703

Sweetspot

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



43.5624, 21.4218, 48.8528



72.8568, 59.5388, 89.4014



16.3241, 6.6671, 79.7838



15.0824, 11.8322, 18.6185



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.



43.5624, 21.4218, 48.8528



51.9060, 25.5264, 58.0963



35.7247, 18.2867, 7.5798



15.5730, 15.2571, 18.3028



24.0600, 11.8267, 27.1811



1.9229, 0.9421, 2.3115

Inverse Universe

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



43.5624, 21.4218, 48.8528



51.9060, 25.5264, 58.0963



36.8072, 62.7159, 45.8650



15.5730, 15.2571, 18.3028



24.0600, 11.8267, 27.1811



1.9229, 0.9421, 2.3115

Previews

White Background



This preview shows how the XYZ color 43.5617, 21.4207, 48.8524 looks on a white background.

Color Contrast Check

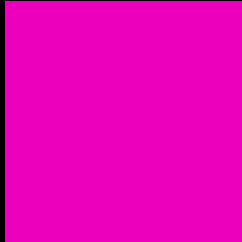
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5617, 21.4207, 48.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

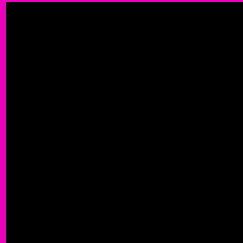
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5617, 21.4207, 48.8524

Background



This preview shows how black text looks on a background with the XYZ color 43.5617, 21.4207, 48.8524.



This preview shows how white text looks on a background with the XYZ color 43.5617, 21.4207,

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

43.5617, 21.4207, 48.8524

Protanopia

26.5103, 22.4681, 97.5473

Deuteranopia

22.3975, 21.9187, 43.6077



Tritanopia

35.5025, 21.7785, 9.5402

Trichromacy



Original Color

43.5617, 21.4207, 48.8524



Protanomaly

24.2218, 15.0953, 76.5000



Deuteranomaly

25.3772, 16.5105, 44.4971



Tritanomaly

36.9197, 20.1640, 19.0857

Monochromacy



Original Color

43.5617, 21.4207, 48.8524



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

16.8963, 10.5895, 21.2321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5617, 21.4207, 48.8524 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, 0, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 187)  
}
```

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, 0, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.5617, 21.4207, 48.8524 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, 0, 187) }
```


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

```
.border{ border-color:rgb(236, 0, 187) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5617, 21.4207, 48.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 187) }
```

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

```
.background{ background-color: rgb(236, 0,  
187) }
```

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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