

Converting Colors

XYZ(43.8904, 21.7314, 48.4088)

Have a look what the booklet for
XYZ(43.8904, 21.7314, 48.4088)
contains.

XYZ(43.8748, 21.7234, 48.3349)	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(43.8748, 21.7234,
48.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	ED08BA
RGB	237, 8, 186
RGB Percent	93%, 3%, 73%
CMY	0.0706, 0.9684, 0.2706
CMYK	0.00, 0.97, 0.22, 0.07
HSL	313°, 93%, 48%
HSV	313°, 97%, 93%
XYZ	43.8748, 21.7234, 48.3349
YIQ	96.7630, 79.3460, 103.9060

Conversions

Conversions Part 2

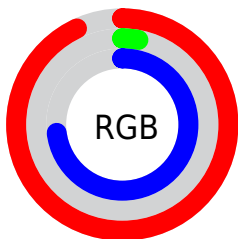
Format	Color
R_{YB}	237, 8, 186
Decimal	15534266
CIE _{Lab}	53.73, 85.85, -32.34
CIE _{LCh}	54, 91.741, 339.359
Yxy	21.7234, 0.3851, 0.1907
Android (android.graphics.Color)	4293724346 (0xFFED08BA)
YUV	96.7630, 43.9938, 122.9878
Hunter-Lab	46.6084, 86.4664, -28.8604

Details

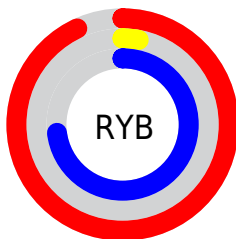
The XYZ color **43.8748, 21.7234, 48.3349** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **31.1758, 60.9369, 14.2634**, and the grayscale version is **11.1934, 11.7763, 12.8244**.

A 20% lighter version of the original color is **61.8242, 36.7851, 87.8461**, and **22.0694, 10.8960, 22.7698** is the 20% darker color. If you saturate the color by 10%, you get **43.5986, 21.4740, 47.3082**, and if you desaturate by 10%, it is **44.8698, 22.7982, 51.4873**.

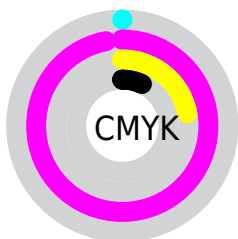
Distribution



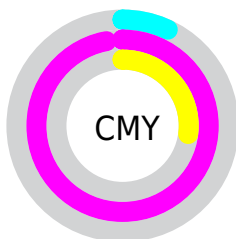
- Red (93%)
- Green (3%)
- Blue (73%)



- Red (93%)
- Yellow (3%)
- Blue (73%)



- Cyan (0%)
- Magenta (97%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (97%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8748, 21.7234, 48.3349 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 43.8748, 21.7234, 48.3349 by changing the saturation by 10% instead.

 43.8748, 21.7234,
48.3349

 43.8748, 21.7234,
48.3349


353.0580,
261.0984, 396.6650


 30.7696, 13.6538,
33.7303


 80.2768, 46.2884,
89.0736


 20.5744, 7.8803,
22.4108


 104.3044, 63.5526,
116.0447

 12.9240, 4.0184,
13.9579

 132.7033, 84.6505,
147.9751

 7.4528, 1.6839,
7.9530

 165.8392,
109.9664, 185.2833

 3.7957, 0.4132,
3.9775

 204.0772,
139.8847, 228.3879

 1.5872, 0.0000,
1.6130

247.7828,

 0.3841, 0.0000,

174.7899, 277.7073

0.3001

297.3212,
215.0663, 333.6602

■ 0.0000, 0.0000,
0.0000

■ 43.8748, 21.7234,
48.3349

■ 43.8748, 21.7234,
48.3349

■ 43.5986, 21.4740,
47.3082

■ 44.8698, 22.7982,
51.4873

■ 46.3405, 24.7910,
54.9015

■ 48.3736, 27.8750,
58.6076

■ 51.0375, 32.1862,
62.6295

■ 54.3905, 37.8411,
66.9876

■ 58.4842, 44.9425,
71.7002

■ 63.3651, 53.5831,
76.7836

■ 69.0759, 63.8479,
82.2532

■ 75.6560, 75.8157,
88.1230

Harmonies

Analogous

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



35.1080, 21.7234, 95.0759



43.8748, 21.7234, 48.3349



45.4841, 21.7234, 15.8953

Triad

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



43.8748, 21.7234, 48.3349



17.7230, 21.7234, 0.1483



9.2077, 21.7234, 77.2885

Complementary

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



43.8748, 21.7234, 48.3349



31.1758, 60.9369, 14.2634

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.



7.0469, 21.7234, 33.5961



43.8748, 21.7234, 48.3349



10.8286, 21.7234, 1.6303

Square

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



43.8748, 21.7234, 48.3349



28.0550, 21.7234, 0.4747



7.5272, 21.7234, 9.2398



14.6741, 21.7234, 119.1185

Rectangle

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



43.8748, 21.7234, 48.3349



41.8978, 21.7234, 5.7993



7.5272, 21.7234, 9.2398



8.1642, 21.7234, 61.3698

Sweetspot

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



43.8755, 21.7245, 48.3353



73.2842, 60.5322, 89.1169



17.0985, 7.1785, 80.6055



15.1546, 12.0155, 18.5231



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.



43.8755, 21.7245, 48.3353



51.4558, 25.3463, 55.7256



36.2125, 18.6593, 7.9824



15.5629, 15.2530, 18.2493



23.8547, 11.7446, 26.0998



1.9085, 0.9363, 2.2353

Inverse Universe

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



43.8755, 21.7245, 48.3353



51.4558, 25.3463, 55.7256



37.8441, 63.6042, 49.3781



15.5629, 15.2530, 18.2493



23.8547, 11.7446, 26.0998



1.9085, 0.9363, 2.2353

Previews

White Background



This preview shows how the XYZ color 43.8748, 21.7234, 48.3349 looks on a white background.

Color Contrast Check

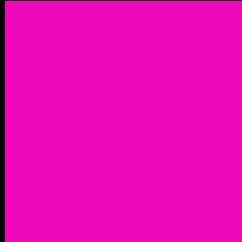
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8748, 21.7234, 48.3349 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 43.8748, 21.7234, 48.3349

Background



This preview shows how black text looks on a background with the XYZ color 43.8748, 21.7234, 48.3349.



This preview shows how white text looks on a background with the XYZ color 43.8748, 21.7234,

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

43.8748, 21.7234, 48.3349

Protanopia

26.6025, 22.5156, 97.5516

Deuteranopia

22.6953, 22.2762, 43.1480



Tritanopia

35.7170, 21.7949, 9.3455

Trichromacy



Original Color

43.8748, 21.7234, 48.3349



Protanomaly

24.6363, 15.5297, 76.5620



Deuteranomaly

25.9041, 17.1321, 44.0610



Tritanomaly

37.2642, 20.4699, 18.8167

Monochromacy



Original Color

43.8748, 21.7234, 48.3349



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

18.0655, 11.6615, 22.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8748, 21.7234, 48.3349 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(237, 8, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 8, 186)  
}
```

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(237, 8, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 8, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.8748, 21.7234, 48.3349 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(237, 8, 186) }
```


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

```
.border{ border-color:rgb(237, 8, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 8, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 8, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 8, 186);  
box-shadow:4px 4px 4px 4px rgb(237, 8,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8748, 21.7234, 48.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 8, 186) }
```

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

```
.background{ background-color: rgb(237, 8,  
186) }
```

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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