

Converting Colors

XYZ(41.9881, 23.3342, 48.4221)

Have a look what the booklet for
XYZ(41.9881, 23.3342, 48.4221)
contains.

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Color

**XYZ(41.9544, 23.3383,
48.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	E240B9
RGB	226, 64, 185
RGB Percent	89%, 25%, 73%
CMY	0.1137, 0.7490, 0.2745
CMYK	0.00, 0.72, 0.18, 0.11
HSL	315°, 74%, 57%
HSV	315°, 72%, 89%
XYZ	41.9544, 23.3383, 48.1924
YIQ	126.2320, 57.7110, 71.9750

Conversions

Conversions Part 2

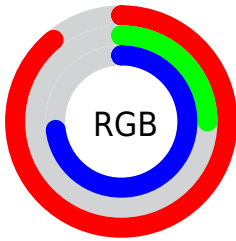
Format	Color
RYB	226, 64, 185
Decimal	14827705
CIELab	55.42, 72.86, -29.28
CIElCh	55, 78.523, 338.105
Yxy	23.3383, 0.3697, 0.2057
Android (android.graphics.Color)	4293017785 (0xFFE240B9)
YUV	126.2320, 28.9726, 87.4965
Hunter-Lab	48.3097, 70.4756, -25.3292

Details

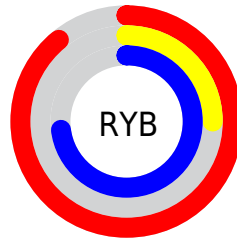
The XYZ color **41.9544, 23.3383, 48.1924** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **31.8618, 56.5036, 22.5941**, and the grayscale version is **19.8022, 20.8335, 22.6877**.

A 20% lighter version of the original color is **64.4508, 42.2781, 87.9826**, and **20.1012, 9.8814, 22.6777** is the 20% darker color. If you saturate the color by 10%, you get **40.3365, 21.0492, 44.7335**, and if you desaturate by 10%, it is **44.1141, 26.6714, 51.9521**.

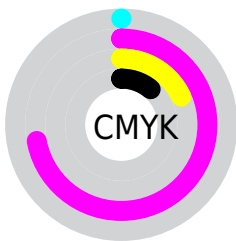
Distribution



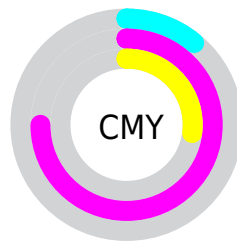
- Red (89%)
- Green (25%)
- Blue (73%)



- Red (89%)
- Yellow (25%)
- Blue (73%)



- Cyan (0%)
- Magenta (72%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9544, 23.3383, 48.1924 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 41.9544, 23.3383, 48.1924 by changing the saturation by 10% instead.


 41.9544, 23.3383,
48.1924


 41.9544, 23.3383,
48.1924


345.2887,
269.4578, 396.0849

 29.2565, 14.8435,
33.6182


 77.3962, 48.9482,
88.8593


 19.4202, 8.7096,
22.3255

 100.8709, 66.8321,
115.7891


 12.0801, 4.5523,
13.8956


 128.6685, 88.6145,
147.6746

 6.8709, 1.9870,
7.9102

 161.1544,
114.6798, 184.9342

 3.4271, 0.5999,
3.9506

 198.6941,
145.4124, 227.9865

 1.3834, 0.0000,
1.5983

241.6528,

 0.2444, 0.0000,

181.1967, 277.2500

0.2896

290.3959,
222.4170, 333.1433

■ 0.0000, 0.0000,
0.0000

■ 41.9544, 23.3383,
48.1924

■ 41.9544, 23.3383,
48.1924

■ 40.3365, 21.0492,
44.7335

■ 44.1141, 26.6714,
51.9521

■ 39.1911, 19.6670,
41.5505


■ 46.8693, 31.1564,
56.0314


■ 38.5069, 19.0259,
39.0804


■ 50.2694, 36.8916,
60.4482


■ 54.3581, 43.9636,
65.2185

■ 59.1749, 52.4515,
70.3568

 64.7567, 62.4281,
75.8765

 71.1375, 73.9613,
81.7902

 78.3492, 87.1146,
88.1100

 82.3347, 93.7730,
93.4846

Harmonies

Analogous

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



34.3929, 23.3383, 86.0704



41.9544, 23.3383, 48.1924



43.5884, 23.3383, 19.1551

Triad

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



41.9544, 23.3383, 48.1924



19.8741, 23.3383, 1.2734



11.3270, 23.3383, 68.7658

Complementary

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



41.9544, 23.3383, 48.1924



31.8618, 56.5036, 22.5941

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.



9.2638, 23.3383, 32.9003



41.9544, 23.3383, 48.1924



13.2696, 23.3383, 3.1425

Square

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



41.9544, 23.3383, 48.1924



29.1334, 23.3383, 1.7298



9.8658, 23.3383, 11.2523



16.4355, 23.3383, 102.4728

Rectangle

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



41.9544, 23.3383, 48.1924



40.7770, 23.3383, 8.7008



9.8658, 23.3383, 11.2523



10.3256, 23.3383, 55.8819

Sweetspot

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



41.9552, 23.3395, 48.1928



77.4879, 68.3998, 92.1818



21.3294, 12.1323, 73.1697



16.1973, 13.9529, 19.3268



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.



41.9552, 23.3395, 48.1928



52.2282, 26.6502, 56.7258



35.7227, 20.8465, 15.3731



14.1391, 13.8733, 16.5025



22.0182, 10.8743, 22.5596



1.5616, 0.7679, 1.7500

Inverse Universe

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



41.9552, 23.3395, 48.1928



52.2282, 26.6502, 56.7258



38.1217, 59.0075, 55.5581



14.1391, 13.8733, 16.5025



22.0182, 10.8743, 22.5596



1.5616, 0.7679, 1.7500

Previews

White Background



This preview shows how the XYZ color 41.9544, 23.3383, 48.1924 looks on a white background.

Color Contrast Check

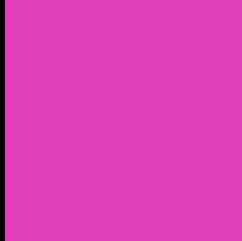
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9544, 23.3383, 48.1924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

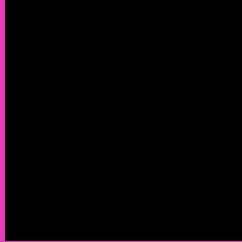
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9544, 23.3383, 48.1924

Background



This preview shows how black text looks on a background with the XYZ color 41.9544, 23.3383, 48.1924.



This preview shows how white text looks on a background with the XYZ color 41.9544, 23.3383,

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

41.9544, 23.3383, 48.1924

Protanopia

26.9560, 23.9466, 84.8628

Deuteranopia

24.0225, 23.5387, 43.8347



Tritanopia

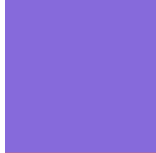
34.8122, 23.2507, 13.9623

Trichromacy



Original Color

41.9544, 23.3383, 48.1924



Protanomaly

27.7717, 20.4909, 69.5092



Deuteranomaly

27.8916, 21.2436, 45.2782



Tritanomaly

36.7237, 22.8420, 23.2423

Monochromacy



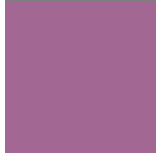
Original Color

41.9544, 23.3383, 48.1924



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

25.0170, 19.4885, 30.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9544, 23.3383, 48.1924 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(226, 64, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 64, 185)  
}
```

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(226, 64, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 64, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.9544, 23.3383, 48.1924 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(226, 64, 185) }
```


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

```
.border{ border-color:rgb(226, 64, 185) }
```

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

Here you see how a box with a 4 pixel rgb(226, 64, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 64, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 64, 185);  
box-shadow:4px 4px 4px 4px rgb(226, 64,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9544, 23.3383, 48.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 64, 185) }
```

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

```
.background{ background-color: rgb(226, 64,  
185) }
```

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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