

Converting Colors

XYZ(41.3167, 23.2180, 50.4480)

Have a look what the booklet for
XYZ(41.3167, 23.2180, 50.4480)
contains.

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Color

**XYZ(41.3167, 23.2180,
50.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	DE43BD
RGB	222, 67, 189
RGB Percent	87%, 26%, 74%
CMY	0.1294, 0.7372, 0.2588
CMYK	0.00, 0.70, 0.15, 0.13
HSL	313°, 70%, 57%
HSV	313°, 70%, 87%
XYZ	41.3167, 23.2180, 50.4480
YIQ	127.2530, 53.2180, 70.8020

Conversions

Conversions Part 2

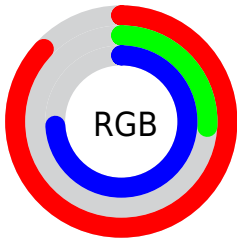
Format	Color
R _Y B	222, 67, 189
Decimal	14566333
CIE Lab	55.30, 71.45, -31.84
CIE LCh	55, 78.222, 335.984
Yxy	23.2180, 0.3593, 0.2019
Android (android.graphics.Color)	4292756413 (0xFFDE43BD)
YUV	127.2530, 30.4413, 83.0931
Hunter-Lab	48.1851, 68.7325, -28.3449

Details

The XYZ color **41.3167, 23.2180, 50.4480** 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 **30.7375, 54.3569, 20.9306**, and the grayscale version is **20.1468, 21.1960, 23.0824**.

A 20% lighter version of the original color is **65.4639, 43.0926, 92.0561**, and **19.4774, 9.5358, 23.7357** is the 20% darker color. If you saturate the color by 10%, you get **39.7360, 20.8641, 47.4308**, and if you desaturate by 10%, it is **43.4212, 26.5920, 53.7227**.

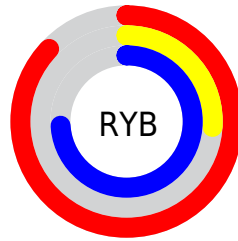
Distribution



Red (87%)

Green (26%)

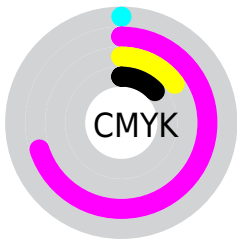
Blue (74%)



Red (87%)

Yellow (26%)

Blue (74%)

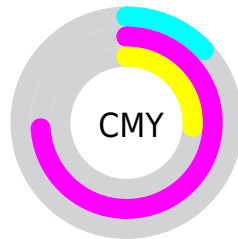


Cyan (0%)

Magenta (70%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3167, 23.2180, 50.4480 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 41.3167, 23.2180, 50.4480 by changing the saturation by 10% instead.

41.3167, 23.2180,
50.4480

41.3167, 23.2180,
50.4480

342.6825,
268.8427, 405.2005

28.7554, 14.7546,
35.3958

76.4361, 48.7510,
92.2414

19.0392, 8.6473,
23.6820

99.7249, 66.5894,
119.8198

11.8028, 4.5119,
14.8878

127.3202, 88.3216,
152.4106

6.6808, 1.9638,
8.5950

159.5875,
114.3319, 190.4324

3.3078, 0.5863,
4.3848

196.8920,
145.0048, 234.3037

1.3186, 0.0000,
1.8387

239.5991,

0.1970, 0.0000,

180.7246, 284.4432

0.4533

288.0742,
221.8758, 341.2692

■ 0.0000, 0.0000,
0.0000

■ 41.3167, 23.2180,
50.4480

■ 41.3167, 23.2180,
50.4480

■ 39.7360, 20.8641,
47.4308

■ 43.4212, 26.5920,
53.7227

■ 38.6153, 19.4039,
44.6485

■ 46.0991, 31.0861,
57.2716


■ 37.8491, 18.6267,
42.0653


■ 49.3966, 36.7923,
61.1110


■ 37.8362, 18.6144,
42.0190


■ 53.3546, 43.7919,
65.2554

■ 58.0104, 52.1594,
69.7180

 63.3985, 61.9635,
74.5108

 69.5510, 73.2683,
79.6454

 76.4982, 86.1339,
85.1325

 80.3849, 92.8499,
89.6879

Harmonies

Analogous

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



33.5238, 23.2180, 87.8916



41.3167, 23.2180, 50.4480



43.4281, 23.2180, 20.5754

Triad

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



41.3167, 23.2180, 50.4480



20.3574, 23.2180, 1.2509



11.0480, 23.2180, 65.5602

Complementary

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



41.3167, 23.2180, 50.4480



30.7375, 54.3569, 20.9306

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.



9.1932, 23.2180, 30.6531



41.3167, 23.2180, 50.4480



13.5738, 23.2180, 2.8857

Square

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



41.3167, 23.2180, 50.4480



29.6613, 23.2180, 1.8563



9.9769, 23.2180, 10.2866



15.8957, 23.2180, 99.9516

Rectangle

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



41.3167, 23.2180, 50.4480



40.9462, 23.2180, 9.4833



9.9769, 23.2180, 10.2866



10.1217, 23.2180, 52.8674

Sweetspot

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



41.3175, 23.2191, 50.4484



78.4999, 69.7507, 94.5944



20.2303, 11.8863, 70.3360



16.4094, 14.2214, 19.8773



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.



41.3175, 23.2191, 50.4484



53.5834, 27.4550, 63.0524



35.1413, 20.7487, 17.9253



14.1635, 13.8830, 16.6312



22.5160, 11.0734, 25.1808



1.5923, 0.7802, 1.9118

Inverse Universe

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



41.3175, 23.2191, 50.4484



53.5834, 27.4550, 63.0524



36.2242, 56.5516, 49.8233



14.1635, 13.8830, 16.6312



22.5160, 11.0734, 25.1808



1.5923, 0.7802, 1.9118

Previews

White Background



This preview shows how the XYZ color 41.3167, 23.2180, 50.4480 looks on a white background.

Color Contrast Check

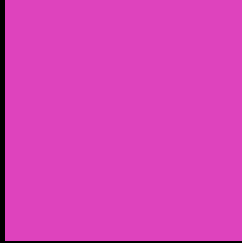
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3167, 23.2180, 50.4480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

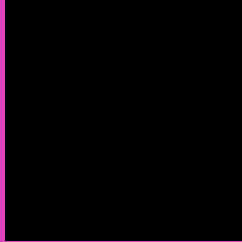
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.3167, 23.2180, 50.4480

Background



This preview shows how black text looks on a background with the XYZ color 41.3167, 23.2180, 50.4480.

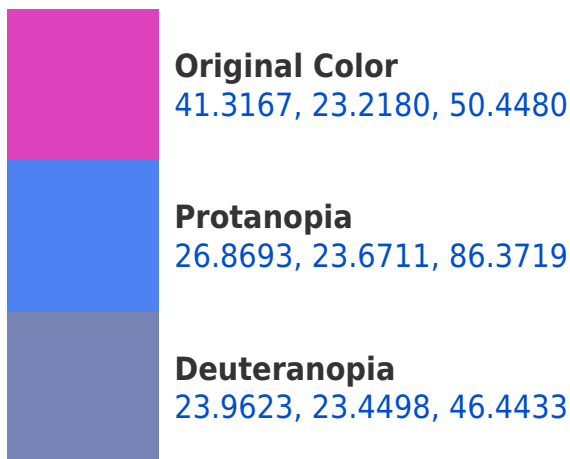


This preview shows how white text looks on a background with the XYZ color 41.3167, 23.2180,

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





Tritanopia

34.0345, 23.2216, 14.7450

Trichromacy



Original Color

41.3167, 23.2180, 50.4480



Protanomaly

27.5448, 20.3278, 71.5791



Deuteranomaly

27.6201, 21.2119, 47.4383



Tritanomaly

35.9505, 22.7583, 24.3278

Monochromacy



Original Color

41.3167, 23.2180, 50.4480



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

25.4569, 19.9865, 31.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3167, 23.2180, 50.4480 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(222, 67, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 67, 189)  
}
```

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(222, 67, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 67, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.3167, 23.2180, 50.4480 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(222, 67, 189) }
```


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

```
.border{ border-color:rgb(222, 67, 189) }
```

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

Here you see how a box with a 4 pixel rgb(222, 67, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 67, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 67, 189);  
box-shadow:4px 4px 4px 4px rgb(222, 67,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3167, 23.2180, 50.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 67, 189) }
```

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

```
.background{ background-color: rgb(222, 67,  
189) }
```

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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