

Converting Colors

XYZ(44.6709, 23.2076, 30.7650)

Have a look what the booklet for
XYZ(44.6709, 23.2076, 30.7650)
contains.

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Color

**XYZ(44.6801, 23.2141,
30.5596)**

Conversions

Conversions Part 1

Format	Color
Hex	F82195
RGB	248, 33, 149
RGB Percent	97%, 13%, 58%
CMY	0.0275, 0.8705, 0.4157
CMYK	0.00, 0.87, 0.40, 0.03
HSL	328°, 94%, 55%
HSV	328°, 87%, 97%
XYZ	44.6801, 23.2141, 30.5596
YIQ	110.5090, 90.9040, 81.6560

Conversions

Conversions Part 2

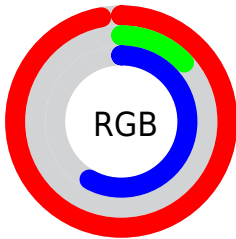
Format	Color
R _Y B	248, 33, 149
Decimal	16261525
CIE _{Lab}	55.29, 81.48, -8.03
CIE _{LCh}	55, 81.873, 354.372
Yxy	23.2141, 0.4538, 0.2358
Android (android.graphics.Color)	4294451605 (0xFFFF82195)
YUV	110.5090, 18.9761, 120.5796
Hunter-Lab	48.1810, 81.2131, -3.8789

Details

The XYZ color **44.6801, 23.2141, 30.5596** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **38.3618, 69.1251, 33.1588**, and the grayscale version is **14.8995, 15.6754, 17.0706**.

A 20% lighter version of the original color is **57.3821, 36.2969, 60.4816**, and **22.4543, 11.3209, 12.5570** is the 20% darker color. If you saturate the color by 10%, you get **43.3577, 21.9578, 25.8385**, and if you desaturate by 10%, it is **46.5977, 25.5176, 35.9206**.

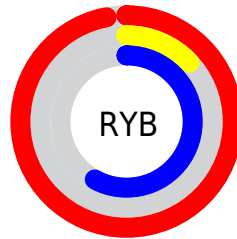
Distribution



Red (97%)

Green (13%)

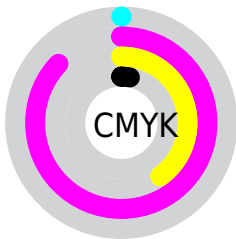
Blue (58%)



Red (97%)

Yellow (13%)

Blue (58%)

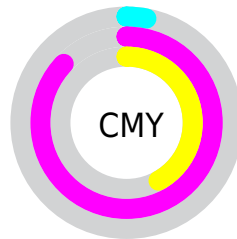


Cyan (0%)

Magenta (87%)

Yellow (40%)

Black (3%)



Cyan (3%)


Magenta (87%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6801, 23.2141, 30.5596 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 44.6801, 23.2141, 30.5596 by changing the saturation by 10% instead.


 44.6801, 23.2141,
30.5596

 44.6801, 23.2141,
30.5596


356.2819,
268.8228, 318.7924

 31.4057, 14.7517,
20.0081


 81.4802, 48.7446,
61.6175


 21.0613, 8.6453,
12.2168


 105.7366, 66.5815,
82.9609


 13.2816, 4.5106,
6.7672


 134.3844, 88.3121,
108.7387

 7.7011, 1.9631,
3.2407

 167.7890,
114.3206, 139.3694

 3.9544, 0.5859,
1.2188

 206.3157,
144.9915, 175.2716

 1.6764, 0.0000,
0.0000

250.3298,

 0.4414, 0.0000,

180.7093, 216.8638

0.0000

300.1968,
221.8582, 264.5645

■ 0.0000, 0.0000,
0.0000

■ 44.6801, 23.2141,
30.5596

■ 44.6801, 23.2141,
30.5596

■ 43.3577, 21.9578,
25.8385

■ 46.5977, 25.5176,
35.9206

■ 43.0000, 21.6719,
24.3952

■ 49.2072, 29.0580,
41.9654

■ 52.5880, 33.9902,
48.7322

■ 56.8076, 40.4455,
56.2549

■ 61.9256, 48.5397,
64.5641

67.9960, 58.3773,
73.6883

75.0684, 70.0540,
83.6542

83.1887, 83.6588,
94.4869

92.0084, 98.4912,
106.0800

Harmonies

Analogous

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



39.7276, 23.2141, 67.5897



44.6801, 23.2141, 30.5596



42.3425, 23.2141, 9.6374

Triad

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



44.6801, 23.2141, 30.5596



15.5574, 23.2141, 1.5375



13.3031, 23.2141, 92.5681

Complementary

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



44.6801, 23.2141, 30.5596



38.3618, 69.1251, 33.1588

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.



9.5833, 23.2141, 52.3732



44.6801, 23.2141, 30.5596



10.6097, 23.2141, 5.7938

Square

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



44.6801, 23.2141, 30.5596



23.8393, 23.2141, 0.9685



8.7557, 23.2141, 20.6398



20.3797, 23.2141, 116.2215

Rectangle

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



44.6801, 23.2141, 30.5596



37.2239, 23.2141, 3.8532



8.7557, 23.2141, 20.6398



11.7064, 23.2141, 79.6047

Sweetspot

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



44.6808, 23.2154, 30.5600



72.8912, 62.9335, 79.1598



26.6574, 12.5934, 89.8327



15.0911, 12.6364, 16.1960



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.



44.6808, 23.2154, 30.5600



45.7963, 23.0825, 25.9230



39.7063, 21.2256, 4.3647



17.6362, 17.3818, 19.9400



23.3003, 11.7359, 13.5559



2.2115, 1.1084, 1.5374

Inverse Universe

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



44.6808, 23.2154, 30.5600



45.7963, 23.0825, 25.9230



49.5182, 73.5877, 91.9073



17.6362, 17.3818, 19.9400



23.3003, 11.7359, 13.5559



2.2115, 1.1084, 1.5374

Previews

White Background



This preview shows how the XYZ color 44.6801, 23.2141, 30.5596 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 44.6801, 23.2141, 30.5596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

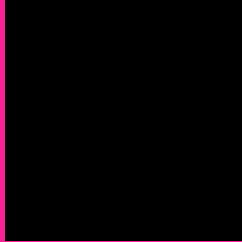
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.6801, 23.2141, 30.5596

Background



This preview shows how black text looks on a background with the XYZ color 44.6801, 23.2141, 30.5596.



This preview shows how white text looks on a background with the XYZ color 44.6801, 23.2141,

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

44.6801, 23.2141, 30.5596

Protanopia

25.2002, 23.5118, 63.5316

Deuteranopia

23.8381, 23.4042, 27.6872



Tritanopia

39.8656, 23.2405, 7.6949

Trichromacy



Original Color

44.6801, 23.2141, 30.5596



Protanomaly

26.7722, 18.8402, 49.2392



Deuteranomaly

28.0167, 19.8123, 28.3341



Tritanomaly

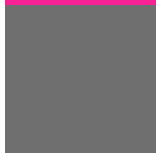
41.0870, 22.8218, 13.5488

Monochromacy



Original Color

44.6801, 23.2141, 30.5596



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

21.4929, 15.2442, 21.2117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6801, 23.2141, 30.5596 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(248, 33, 149)` looks like.

```
.text, #text, p{  
    color:rgb(248, 33, 149)  
}
```

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(248, 33, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 33, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.6801, 23.2141, 30.5596 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(248, 33, 149) }
```


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

```
.border{ border-color:rgb(248, 33, 149) }
```

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

Here you see how a box with a 4 pixel rgb(248, 33, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 33, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 33, 149);  
box-shadow:4px 4px 4px 4px rgb(248, 33,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6801, 23.2141, 30.5596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 33, 149) }
```

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

```
.background{ background-color: rgb(248, 33,  
149) }
```

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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