

Converting Colors

XYZ(43.4970, 24.8483, 89.6930)

Have a look what the booklet for
XYZ(43.4970, 24.8483, 89.6930)
contains.

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Color

**XYZ(43.3964, 24.8180,
89.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	C851F6
RGB	200, 81, 246
RGB Percent	78%, 32%, 96%
CMY	0.2157, 0.6823, 0.0353
CMYK	0.19, 0.67, 0.00, 0.04
HSL	283°, 90%, 64%
HSV	283°, 67%, 96%
XYZ	43.3964, 24.8180, 89.6919
YIQ	135.3910, 17.9590, 76.5430

Conversions

Conversions Part 2

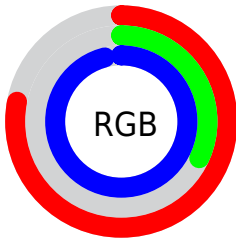
Format	Color
R _{YB}	200, 81, 246
Decimal	13128182
CIE _{Lab}	56.90, 70.80, -61.80
CIE _{LCh}	57, 93.975, 318.884
Yxy	24.8180, 0.2748, 0.1572
Android (android.graphics.Color)	4291318262 (0xFFC851F6)
YUV	135.3910, 54.5302, 56.6621
Hunter-Lab	49.8177, 68.3113, -71.8736

Details

The XYZ color **43.3964, 24.8180, 89.6919** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **43.1939, 71.0182, 19.2166**, and the grayscale version is **22.9744, 24.1708, 26.3220**.

A 20% lighter version of the original color is **68.3785, 46.6570, 100.0095**, and **20.3949, 9.5334, 48.9093** is the 20% darker color. If you saturate the color by 10%, you get **40.0977, 20.8780, 89.1057**, and if you desaturate by 10%, it is **47.4411, 30.1258, 90.5036**.

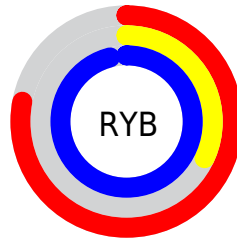
Distribution



Red (78%)

Green (32%)

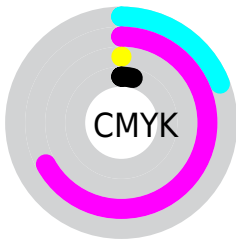
Blue (96%)



Red (78%)

Yellow (32%)

Blue (96%)

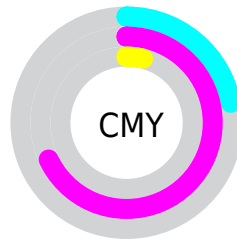


Cyan (19%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (22%)


Magenta (68%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3964, 24.8180, 89.6919 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 43.3964, 24.8180, 89.6919 by changing the saturation by 10% instead.


 43.3964, 24.8180,
89.6919

 43.3964, 24.8180,
89.6919


351.1334,
276.9304, 547.5723

 30.3921, 15.9415,
67.1529


 79.5607, 51.3618,
148.8421

 20.2860, 9.4828,
48.7465


 103.4514, 69.7979,
186.2904

 12.7126, 5.0574,
34.0542


 131.7017, 92.1894,
229.5455

 7.3065, 2.2810,
22.6576

 164.6768,
118.9205, 279.0260

 3.7026, 0.7636,
14.1379

202.7422,
150.3758, 335.1504

 1.5353, 0.0000,
8.0768

246.2632,

 0.3497, 0.0000,

186.9396, 398.3372

4.0557

295.6051,
228.9963, 469.0050

■ 0.0000, 0.0000,
1.6559

■ 0.0000, 0.0000,
0.3303

■ 43.3964, 24.8180,
89.6919

■ 43.3964, 24.8180,
89.6919

■ 40.0977, 20.8780,
89.1057

■ 47.4411, 30.1258,
90.5036

■ 37.4653, 18.1514,
88.7181

■ 52.2939, 36.9272,
91.5607

■ 35.4025, 16.4451,
88.4975

■ 58.0134, 45.3371,
92.8825

■ 34.8620, 16.0504,
88.4498

■ 64.6517, 55.4579,
94.4861

72.2563, 67.3835,
96.3872

80.8716, 81.2009,
98.6002

90.5389, 96.9914,
101.1385

93.5856, 99.4086,
101.4445

93.6346, 99.4339,
101.4468

Harmonies

Analogous

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



31.1232, 24.8180, 134.5166



43.3964, 24.8180, 89.6919



51.0473, 24.8180, 40.4747

Triad

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



43.3964, 24.8180, 89.6919



27.9092, 24.8180, 0.4116



8.6955, 24.8180, 51.7707

Complementary

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



43.3964, 24.8180, 89.6919



43.1939, 71.0182, 19.2166

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.



8.3195, 24.8180, 16.9398



43.3964, 24.8180, 89.6919



17.3805, 24.8180, 0.6420

Square

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



43.3964, 24.8180, 89.6919



40.4232, 24.8180, 2.2505



10.9666, 24.8180, 3.5493



12.2288, 24.8180, 103.2414

Rectangle

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



43.3964, 24.8180, 89.6919



51.2873, 24.8180, 18.7012



10.9666, 24.8180, 3.5493



8.2483, 24.8180, 37.5057

Sweetspot

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



43.3975, 24.8190, 89.6925



75.8442, 69.0682, 103.9418



27.7153, 23.7773, 90.3179



15.7324, 13.9961, 22.1223



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.



43.3975, 24.8190, 89.6925



42.5565, 21.6109, 96.5361



52.6131, 30.1440, 64.1824



16.7370, 16.5226, 20.8496



18.7511, 8.6409, 47.2176



1.7475, 0.8107, 4.1546

Inverse Universe

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



44.7798, 27.0107, 22.9327



45.1237, 24.7076, 16.5422



39.5460, 68.9399, 27.9760



16.6890, 16.5584, 18.1087



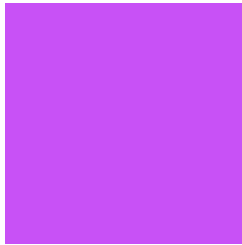
20.9036, 10.7049, 4.2009



1.8791, 0.9576, 0.5899

Previews

White Background



This preview shows how the XYZ color 43.3964, 24.8180, 89.6919 looks on a white background.

Color Contrast Check

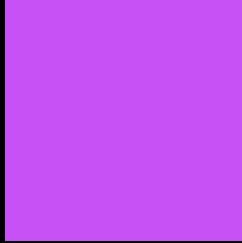
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3964, 24.8180, 89.6919 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 43.3964, 24.8180, 89.6919

Background



This preview shows how black text looks on a background with the XYZ color 43.3964, 24.8180, 89.6919.



This preview shows how white text looks on a background with the XYZ color 43.3964, 24.8180,

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

43.3964, 24.8180, 89.6919

Protanopia

28.9633, 25.2971, 97.9640

Deuteranopia

26.0923, 25.1937, 82.8445



Tritanopia

29.7190, 24.6710, 23.2743

Trichromacy



Original Color

43.3964, 24.8180, 89.6919



Protanomaly

30.9241, 22.8448, 94.8751



Deuteranomaly

28.6450, 22.3934, 85.2507



Tritanomaly

33.2935, 23.8242, 40.8740

Monochromacy



Original Color

43.3964, 24.8180, 89.6919



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

28.1667, 22.7275, 43.4597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3964, 24.8180, 89.6919 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(200, 81, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 81, 246)  
}
```

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(200, 81, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 81, 246) }
```

Border

The CSS property to change the border of an element to XYZ 43.3964, 24.8180, 89.6919 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(200, 81, 246) }
```


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

```
.border{ border-color:rgb(200, 81, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 81, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 81, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 81, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 81,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3964, 24.8180, 89.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 81, 246) }
```

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

```
.background{ background-color: rgb(200, 81,  
246) }
```

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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