

Converting Colors

XYZ(44.7950, 23.8542, 40.4556)

Have a look what the booklet for
XYZ(44.7950, 23.8542, 40.4556)
contains.

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Color

**XYZ(44.6296, 23.7997,
40.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	F131AA
RGB	241, 49, 170
RGB Percent	95%, 19%, 67%
CMY	0.0549, 0.8078, 0.3333
CMYK	0.00, 0.80, 0.29, 0.05
HSL	322°, 87%, 57%
HSV	322°, 80%, 95%
XYZ	44.6296, 23.7997, 40.2718
YIQ	120.2020, 75.5910, 78.3350

Conversions

Conversions Part 2

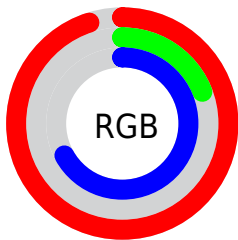
Format	Color
R _Y B	241, 49, 170
Decimal	15806890
CIE Lab	55.89, 78.77, -19.62
CIE LCh	56, 81.176, 346.013
Yxy	23.7997, 0.4106, 0.2189
Android (android.graphics.Color)	4293996970 (0xFFFF131AA)
YUV	120.2020, 24.5504, 105.9398
Hunter-Lab	48.7849, 77.9223, -14.7942

Details

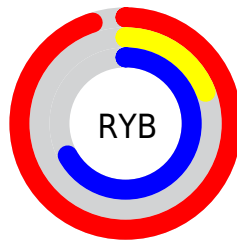
The XYZ color **44.6296, 23.7997, 40.2718** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **36.1137, 64.9204, 28.4015**, and the grayscale version is **17.8265, 18.7549, 20.4241**.

A 20% lighter version of the original color is **61.0760, 39.1870, 75.5790**, and **22.0924, 11.0113, 18.1005** is the 20% darker color. If you saturate the color by 10%, you get **43.0622, 21.9687, 35.7296**, and if you desaturate by 10%, it is **46.7937, 26.7322, 45.2953**.

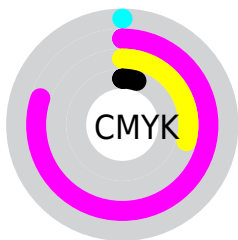
Distribution



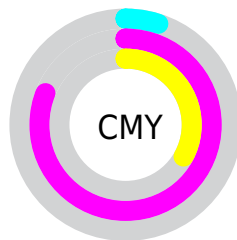
- Red (95%)
- Green (19%)
- Blue (67%)



- Red (95%)
- Yellow (19%)
- Blue (67%)



- Cyan (0%)
- Magenta (80%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (81%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6296, 23.7997, 40.2718 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 44.6296, 23.7997, 40.2718 by changing the saturation by 10% instead.


 44.6296, 23.7997,
40.2718


 44.6296, 23.7997,
40.2718


356.0803,
271.8063, 362.8539


 31.3658, 15.1851,
27.4351


 81.4048, 49.7031,
76.8188


 21.0308, 8.9494,
17.6650


 105.6469, 67.7608,
101.3663


 13.2591, 4.7082,
10.5428


 134.2792, 89.7349,
130.6544

 7.6854, 2.0771,
5.6500

 167.6670,
116.0099, 165.1017

 3.9444, 0.6517,
2.5681

 206.1756,
146.9701, 205.1268

 1.6707, 0.0000,
0.8759

250.1705,

 0.4378, 0.0000,

183.0000, 251.1482

0.0000

300.0170,
224.4839, 303.5844

■ 0.0000, 0.0000,
0.0000

■ 44.6296, 23.7997,
40.2718

■ 44.6296, 23.7997,
40.2718

■ 43.0622, 21.9687,
35.7296

■ 46.7937, 26.7322,
45.2953

■ 41.9663, 20.9912,
31.6209


■ 49.6286, 30.9133,
50.8297


■ 41.9328, 20.9636,
31.4878


■ 53.1995, 36.4715,
56.9021


■ 57.5628, 43.5180,
63.5364

■ 62.7694, 52.1527,
70.7546

 68.8655, 62.4668,
78.5769

 75.8941, 74.5444,
87.0224

 83.8951, 88.4641,
96.1090

 89.3246, 97.1364,
104.6600

Harmonies

Analogous

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



37.9752, 23.7997, 79.7989



44.6296, 23.7997, 40.2718



44.3742, 23.7997, 14.2531

Triad

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



44.6296, 23.7997, 40.2718



18.0625, 23.7997, 1.3175



12.3839, 23.7997, 82.5231

Complementary

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



44.6296, 23.7997, 40.2718



36.1137, 64.9204, 28.4015

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.



9.4741, 23.7997, 42.6497



44.6296, 23.7997, 40.2718



12.0889, 23.7997, 4.1981

Square

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



44.6296, 23.7997, 40.2718



27.1960, 23.7997, 1.2546



9.3833, 23.7997, 15.4524



18.5900, 23.7997, 113.3725

Rectangle

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



44.6296, 23.7997, 40.2718



40.2646, 23.7997, 6.0252



9.3833, 23.7997, 15.4524



11.0722, 23.7997, 68.8594

Sweetspot

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



44.6303, 23.8010, 40.2722



75.1050, 65.6017, 85.3215



24.6402, 12.4998, 84.3331



15.5550, 13.1627, 17.5885



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.



44.6303, 23.8010, 40.2722



48.0939, 24.1787, 37.4762



38.6314, 21.4014, 8.6822



16.1919, 15.9265, 18.5667



22.8065, 11.3950, 17.4295



1.9451, 0.9671, 1.7019

Inverse Universe

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



44.6303, 23.8010, 40.2722



48.0939, 24.1787, 37.4762



45.0402, 68.4910, 75.4074



16.1919, 15.9265, 18.5667



22.8065, 11.3950, 17.4295



1.9451, 0.9671, 1.7019

Previews

White Background



This preview shows how the XYZ color 44.6296, 23.7997, 40.2718 looks on a white background.

Color Contrast Check

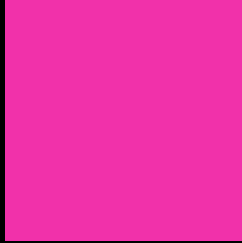
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.6296, 23.7997, 40.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

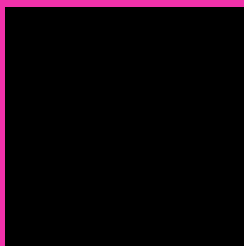
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.6296, 23.7997, 40.2718

Background



This preview shows how black text looks on a background with the XYZ color 44.6296, 23.7997, 40.2718.



This preview shows how white text looks on a background with the XYZ color 44.6296, 23.7997,

40.2718.

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

44.6296, 23.7997, 40.2718

Protanopia

26.8129, 24.2211, 78.1249

Deuteranopia

24.4531, 23.9216, 36.5862



Tritanopia

38.6183, 23.8787, 10.7572

Trichromacy



Original Color

44.6296, 23.7997, 40.2718



Protanomaly

27.8929, 19.9724, 62.0595



Deuteranomaly

28.8101, 20.9864, 37.6543



Tritanomaly

40.0867, 23.3766, 18.6190

Monochromacy



Original Color

44.6296, 23.7997, 40.2718



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

23.9000, 17.7329, 26.2079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6296, 23.7997, 40.2718 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(241, 49, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 49, 170)  
}
```

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(241, 49, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 49, 170) }
```

Border

The CSS property to change the border of an element to XYZ 44.6296, 23.7997, 40.2718 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(241, 49, 170) }
```


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

```
.border{ border-color:rgb(241, 49, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 49, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 49, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 49, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 49,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6296, 23.7997, 40.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 49, 170) }
```

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

```
.background{ background-color: rgb(241, 49,  
170) }
```

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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