

Converting Colors

XYZ(44.2309, 29.3211, 42.4622)

Have a look what the booklet for
XYZ(44.2309, 29.3211, 42.4622)
contains.

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Color

**XYZ(44.0753, 29.2101,
42.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	E368AC
RGB	227, 104, 172
RGB Percent	89%, 41%, 67%
CMY	0.1098, 0.5921, 0.3255
CMYK	0.00, 0.54, 0.24, 0.11
HSL	327°, 69%, 65%
HSV	327°, 54%, 89%
XYZ	44.0753, 29.2101, 42.3448
YIQ	148.5290, 51.4800, 47.2240

Conversions

Conversions Part 2

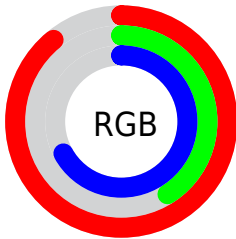
Format	Color
RYB	227, 104, 172
Decimal	14903468
CIELab	60.97, 55.26, -13.28
CIElCh	61, 56.832, 346.482
Yxy	29.2101, 0.3812, 0.2526
Android (android.graphics.Color)	4293093548 (0xFFE368AC)
YUV	148.5290, 11.5712, 68.8191
Hunter-Lab	54.0464, 50.9872, -8.6207

Details

The XYZ color **44.0753, 29.2101, 42.3448** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.4375, 60.3854, 42.3809**, and the grayscale version is **28.3084, 29.7826, 32.4333**.

A 20% lighter version of the original color is **67.5033, 51.6023, 79.0755**, and **20.8093, 11.9050, 18.9704** is the 20% darker color. If you saturate the color by 10%, you get **41.1522, 24.8648, 36.7428**, and if you desaturate by 10%, it is **47.6895, 34.8178, 48.5451**.

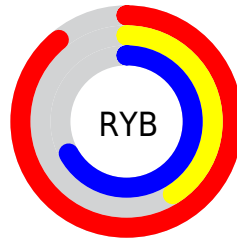
Distribution



Red (89%)

Green (41%)

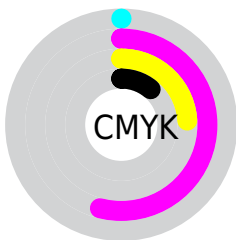
Blue (67%)



Red (89%)

Yellow (41%)

Blue (67%)

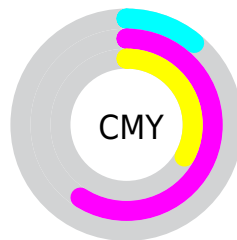


Cyan (0%)

Magenta (54%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0753, 29.2101, 42.3448 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 44.0753, 29.2101, 42.3448 by changing the saturation by 10% instead.


 44.0753, 29.2101,
42.3448


 44.0753, 29.2101,
42.3448

353.8625,
298.2050, 371.7520


 30.9279, 19.2398,
29.0438


 80.5767, 58.4107,
79.9969

 20.6955, 11.8437,
18.8681


 104.6614, 78.4099,
105.1851

 13.0128, 6.6373,
11.3992


 133.1225,
102.5207, 135.1728

 7.5144, 3.2363,
6.2184

 166.3254,
131.1277, 170.3784

 3.8350, 1.2563,
2.9074

204.6356,
164.6153, 211.2206

 1.6092, 0.1070,
1.0476

248.4182,

 0.3984, 0.0000,

203.3677, 258.1180

0.0000

298.0387,
247.7695, 311.4889

■ 0.0000, 0.0000,
0.0000

■ 44.0753, 29.2101,
42.3448

■ 44.0753, 29.2101,
42.3448

■ 41.1522, 24.8648,
36.7428

■ 47.6895, 34.8178,
48.5451

■ 38.8654, 21.6758,
31.7120

■ 52.0386, 41.7740,
55.3655

■ 37.1554, 19.5265,
27.2242

■ 57.1661, 50.1625,
62.8283

■ 35.9490, 18.2736,
23.2465

■ 63.1107, 60.0588,
70.9540

■ 35.4119, 17.8242,
21.1410

■ 69.9088, 71.5330,
79.7618

■ 77.5944, 84.6510,
89.2702

■ 83.6250, 94.3255,
98.6384

■ 85.2015, 94.9561,
106.9401

■ 85.4887, 95.0710,
108.4525

Harmonies

Analogous

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



39.4486, 29.2101, 69.0560



44.0753, 29.2101, 42.3448



43.8159, 29.2101, 21.5630

Triad

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



44.0753, 29.2101, 42.3448



23.9088, 29.2101, 6.5097



19.0518, 29.2101, 71.5925

Complementary

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



44.0753, 29.2101, 42.3448



39.4375, 60.3854, 42.3809

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.



16.2058, 29.2101, 44.8640



44.0753, 29.2101, 42.3448



18.6487, 29.2101, 11.1493

Square

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



44.0753, 29.2101, 42.3448



31.2339, 29.2101, 6.3216



16.0728, 29.2101, 23.1773



24.5599, 29.2101, 90.3766

Rectangle

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



44.0753, 29.2101, 42.3448



40.8884, 29.2101, 13.1703



16.0728, 29.2101, 23.1773



17.7987, 29.2101, 62.8126

Sweetspot

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



44.0762, 29.2115, 42.3454



80.5875, 75.5546, 90.2694



32.7802, 22.6468, 75.3170



16.8960, 15.5823, 18.8444



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.



44.0762, 29.2115, 42.3454



53.1614, 31.7777, 46.9836



39.5659, 27.4074, 18.5943



14.7088, 14.5007, 16.6669



20.7119, 10.4190, 12.6435



1.5772, 0.7886, 1.1799

Inverse Universe

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



44.0762, 29.2115, 42.3454



53.1614, 31.7777, 46.9836



45.9389, 62.9859, 76.6168



14.7088, 14.5007, 16.6669



20.7119, 10.4190, 12.6435



1.5772, 0.7886, 1.1799

Previews

White Background



This preview shows how the XYZ color 44.0753, 29.2101, 42.3448 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 44.0753, 29.2101, 42.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

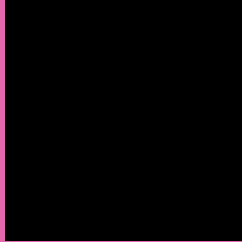
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0753, 29.2101, 42.3448

Background



This preview shows how black text looks on a background with the XYZ color 44.0753, 29.2101, 42.3448.



This preview shows how white text looks on a background with the XYZ color 44.0753, 29.2101,

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

44.0753, 29.2101, 42.3448

Protanopia

30.1816, 29.6001, 59.3810

Deuteranopia

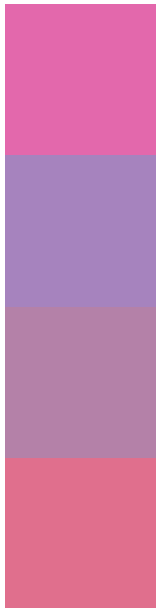
29.9931, 29.4720, 40.1843



Tritanopia

39.8301, 29.2211, 22.2799

Trichromacy



Original Color

44.0753, 29.2101, 42.3448

Protanomaly

33.1364, 28.0573, 52.3843

Deuteranomaly

33.7405, 28.2310, 40.7166

Tritanomaly

41.2326, 29.1393, 28.6505

Monochromacy



Original Color

44.0753, 29.2101, 42.3448

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.6048, 28.5565, 35.6918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0753, 29.2101, 42.3448 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(227, 104, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 104, 172)  
}
```

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(227, 104, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 104, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.0753, 29.2101, 42.3448 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(227, 104, 172) }
```


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

```
.border{ border-color:rgb(227, 104, 172) }
```

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

Here you see how a box with a 4 pixel rgb(227, 104, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 104, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 104, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 104,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0753, 29.2101, 42.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 104, 172) }
```

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

```
.background{ background-color: rgb(227,  
104, 172) }
```

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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