

Converting Colors

XYZ(44.0860, 29.7589, 52.7107)

Have a look what the booklet for
XYZ(44.0860, 29.7589, 52.7107)
contains.

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Color

**XYZ(44.0860, 29.7589,
52.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6DBF
RGB	219, 109, 191
RGB Percent	86%, 43%, 75%
CMY	0.1412, 0.5725, 0.2510
CMYK	0.00, 0.50, 0.13, 0.14
HSL	315°, 60%, 64%
HSV	315°, 50%, 86%
XYZ	44.0860, 29.7589, 52.7107
YIQ	151.2380, 39.2380, 48.8220

Conversions

Conversions Part 2

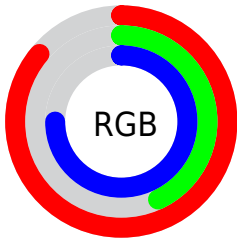
Format	Color
R_{YB}	219, 109, 191
Decimal	14380479
CIE _{Lab}	61.45, 53.22, -23.51
CIE _{LCh}	61, 58.186, 336.166
Yxy	29.7589, 0.3484, 0.2351
Android (android.graphics.Color)	4292570559 (0xFFDB6DBF)
YUV	151.2380, 19.6027, 59.4273
Hunter-Lab	54.5517, 48.7894, -19.1029

Details

The XYZ color **44.0860, 29.7589, 52.7107** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **36.1549, 55.7213, 32.5188**, and the grayscale version is **29.4251, 30.9575, 33.7128**.

A 20% lighter version of the original color is **71.4587, 54.5882, 95.5772**, and **20.7818, 12.2199, 24.9303** is the 20% darker color. If you saturate the color by 10%, you get **41.4324, 25.4145, 48.8568**, and if you desaturate by 10%, it is **47.3468, 35.2793, 56.8828**.

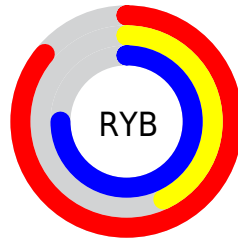
Distribution



Red (86%)

Green (43%)

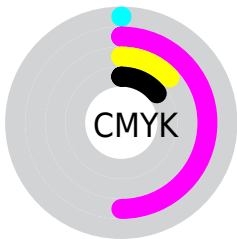
Blue (75%)



Red (86%)

Yellow (43%)

Blue (75%)

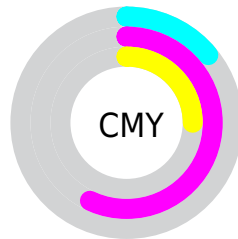


Cyan (0%)

Magenta (50%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (57%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0860, 29.7589, 52.7107 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 44.0860, 29.7589, 52.7107 by changing the saturation by 10% instead.


 44.0860, 29.7589,
52.7107


 44.0860, 29.7589,
52.7107


353.9054,
300.7790, 414.2090


 30.9363, 19.6557,
37.1857

 80.5927, 59.2807,
95.6158


 20.7020, 12.1450,
25.0544


 104.6804, 79.4680,
123.8329

 13.0175, 6.8425,
15.8982


 133.1448,
103.7855, 157.1179

 7.5177, 3.3638,
9.2986

 166.3514,
132.6175, 195.8893

 3.8371, 1.3245,
4.8370

204.6653,
166.3485, 240.5655

 1.6104, 0.1600,
2.0949

248.4521,

 0.3992, 0.0000,

205.3628, 291.5652

0.6127

298.0770,
250.0448, 349.3068

■ 0.0000, 0.0000,
0.0000

■ 44.0860, 29.7589,
52.7107

■ 44.0860, 29.7589,
52.7107

■ 41.4324, 25.4145,
48.8568

■ 47.3468, 35.2793,
56.8828

■ 39.3388, 22.1536,
45.3032

■ 51.2516, 42.0505,
61.3858

■ 37.7556, 19.8770,
42.0324

■ 55.8378, 50.1463,
66.2336

■ 36.6228, 18.4649,
39.0231

■ 61.1389, 59.6333,
71.4387

■ 35.8472, 17.7136,
36.2988

■ 67.1862, 70.5738,
77.0125

■ 74.0091, 83.0260,
82.9661

■ 79.2600, 92.2947,
88.5182

■ 80.0558, 92.6131,
92.7088

■ 80.8769, 92.9415,
97.0324

Harmonies

Analogous

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



37.9418, 29.7589, 80.0412



44.0860, 29.7589, 52.7107



45.6856, 29.7589, 28.0625

Triad

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



44.0860, 29.7589, 52.7107



26.7259, 29.7589, 5.8988



17.9457, 29.7589, 64.3787

Complementary

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



44.0860, 29.7589, 52.7107



36.1549, 55.7213, 32.5188

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.



15.9810, 29.7589, 37.1681



44.0860, 29.7589, 52.7107



20.4237, 29.7589, 8.8248

Square

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



44.0860, 29.7589, 52.7107



34.6927, 29.7589, 7.0480



16.7981, 29.7589, 18.1224



22.7192, 29.7589, 88.6459

Rectangle

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



44.0860, 29.7589, 52.7107



43.7450, 29.7589, 17.0827



16.7981, 29.7589, 18.1224



16.9784, 29.7589, 54.9007

Sweetspot

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



44.0869, 29.7603, 52.7113



82.5101, 77.3656, 97.1813



28.4910, 21.3296, 69.6338



17.3246, 15.9589, 20.4687



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.



44.0869, 29.7603, 52.7113



58.3929, 35.7233, 68.8191



39.1628, 27.7906, 26.7810



13.4654, 13.2153, 15.7121



21.3019, 10.5218, 21.7677



1.4141, 0.6953, 1.5894

Inverse Universe

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



44.0869, 29.7603, 52.7113



58.3929, 35.7233, 68.8191



41.0984, 57.6988, 58.5512



13.4654, 13.2153, 15.7121



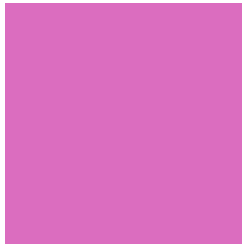
21.3019, 10.5218, 21.7677



1.4141, 0.6953, 1.5894

Previews

White Background



This preview shows how the XYZ color 44.0860, 29.7589, 52.7107 looks on a white background.

Color Contrast Check

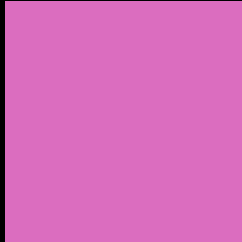
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0860, 29.7589, 52.7107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

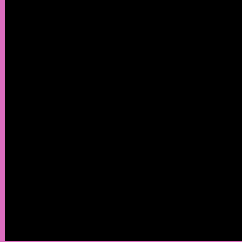
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0860, 29.7589, 52.7107

Background



This preview shows how black text looks on a background with the XYZ color 44.0860, 29.7589, 52.7107.



This preview shows how white text looks on a background with the XYZ color 44.0860, 29.7589,

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

44.0860, 29.7589, 52.7107

Protanopia

31.5093, 30.0102, 71.8420

Deuteranopia

30.7129, 30.0803, 50.0863



Tritanopia

38.4968, 29.7039, 25.1771

Trichromacy



Original Color

44.0860, 29.7589, 52.7107



Protanomaly

34.1942, 28.7494, 64.0686



Deuteranomaly

34.3704, 29.1336, 50.8255



Tritanomaly

40.1354, 29.4696, 33.7098

Monochromacy



Original Color

44.0860, 29.7589, 52.7107



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

33.5916, 29.5916, 40.0177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0860, 29.7589, 52.7107 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(219, 109, 191)` looks like.

```
.text, #text, p{  
    color:rgb(219, 109, 191)  
}
```

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(219, 109, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 109, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.0860, 29.7589, 52.7107 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(219, 109, 191) }
```


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

```
.border{ border-color:rgb(219, 109, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 109, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 109, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 109, 191);  
box-shadow:4px 4px 4px 4px rgb(219, 109,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0860, 29.7589, 52.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 109, 191) }
```

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

```
.background{ background-color: rgb(219,  
109, 191) }
```

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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