

Converting Colors

XYZ(43.4317, 29.4830, 57.9267)

Have a look what the booklet for
XYZ(43.4317, 29.4830, 57.9267)
contains.

XYZ(43.4418, 29.4681, 58.0419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4418, 29.4681,
58.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	D56EC8
RGB	213, 110, 200
RGB Percent	84%, 43%, 78%
CMY	0.1647, 0.5686, 0.2157
CMYK	0.00, 0.48, 0.06, 0.16
HSL	308°, 55%, 63%
HSV	308°, 48%, 84%
XYZ	43.4418, 29.4681, 58.0419
YIQ	151.0570, 32.4980, 49.8260

Conversions

Conversions Part 2

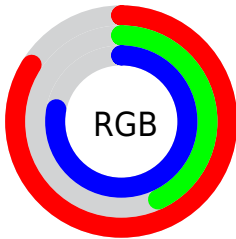
Format	Color
R _Y B	213, 110, 200
Decimal	13987528
CIE Lab	61.19, 52.42, -29.07
CIE LCh	61, 59.944, 330.986
Yxy	29.4681, 0.3317, 0.2250
Android (android.graphics.Color)	4292177608 (0xFFD56EC8)
YUV	151.0570, 24.1289, 54.3240
Hunter-Lab	54.2845, 47.8487, -25.3947

Details

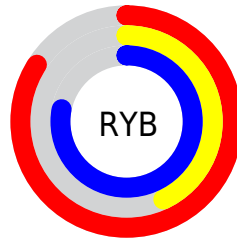
The XYZ color **43.4418, 29.4681, 58.0419** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.8011, 52.3345, 27.0608**, and the grayscale version is **29.3310, 30.8585, 33.6049**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **20.3128, 11.9716, 28.4343** is the 20% darker color. If you saturate the color by 10%, you get **41.1026, 25.2876, 55.7257**, and if you desaturate by 10%, it is **46.3407, 34.7580, 60.5725**.

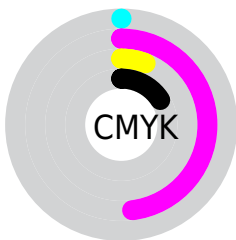
Distribution



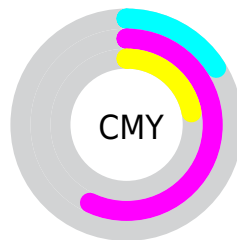
- Red (84%)
- Green (43%)
- Blue (78%)



- Red (84%)
- Yellow (43%)
- Blue (78%)



- Cyan (0%)
- Magenta (48%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4418, 29.4681, 58.0419 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 43.4418, 29.4681, 58.0419 by changing the saturation by 10% instead.


 43.4418, 29.4681,
58.0419


 43.4418, 29.4681,
58.0419


351.3163,
299.4172, 434.9447


 30.4279, 19.4352,
41.4274


 79.6287, 58.8200,
103.4993


 20.3133, 11.9852,
28.3310


 103.5324, 78.9078,
133.1792

 12.7326, 6.7336,
18.3341


 131.7968,
103.1160, 168.0514

 7.3204, 3.2960,
11.0182

 164.7873,
131.8290, 208.5343

 3.7114, 1.2882,
5.9648

202.8691,
165.4313, 255.0466

 1.5402, 0.1320,
2.7552

246.4076,

 0.3529, 0.0000,

204.3071, 308.0067

0.9710

295.7682,
248.8410, 367.8332

■ 0.0000, 0.0000,
0.0000

■ 43.4418, 29.4681,
58.0419

■ 43.4418, 29.4681,
58.0419

■ 41.1026, 25.2876,
55.7257

■ 46.3407, 34.7580,
60.5725

■ 39.2800, 22.1321,
53.6086

■ 49.8327, 41.2259,
63.3279

■ 37.9292, 19.9114,
51.6757


■ 53.9520, 48.9393,
66.3199


■ 36.9964, 18.5181,
49.9090


■ 58.7292, 57.9596,
69.5590


■ 36.4013, 17.7913,
48.2815


■ 64.1931, 68.3442,
73.0547

 36.3161, 17.6964,
48.0205

 70.3707, 80.1471,
76.8162

 75.9634, 90.7713,
80.4109

 76.3200, 90.9139,
82.2884

 76.6822, 91.0588,
84.1961

Harmonies

Analogous

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



36.5471, 29.4681, 85.4512



43.4418, 29.4681, 58.0419



46.0344, 29.4681, 31.3458

Triad

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



43.4418, 29.4681, 58.0419



27.7490, 29.4681, 5.3287



16.9320, 29.4681, 59.9806

Complementary

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



43.4418, 29.4681, 58.0419



33.8011, 52.3345, 27.0608

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.



15.4356, 29.4681, 32.8372



43.4418, 29.4681, 58.0419



20.9157, 29.4681, 7.4226

Square

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



43.4418, 29.4681, 58.0419



36.0112, 29.4681, 7.1451



16.7466, 29.4681, 15.3170



21.2891, 29.4681, 86.8919

Rectangle

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



43.4418, 29.4681, 58.0419



44.6531, 29.4681, 18.9291



16.7466, 29.4681, 15.3170



16.1188, 29.4681, 50.2513

Sweetspot

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



43.4428, 29.4695, 58.0425



83.2708, 77.6698, 101.1869



25.6159, 20.0963, 65.4803



17.5093, 16.0328, 21.4412



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.



43.4428, 29.4695, 58.0425



61.6967, 37.8717, 83.6681



38.4812, 27.4848, 31.9150



12.8824, 12.6045, 15.3210



22.2095, 10.8201, 29.4711



1.3589, 0.6603, 1.8793

Inverse Universe

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



43.4428, 29.4695, 58.0425



61.6967, 37.8717, 83.6681



37.8188, 53.9416, 48.2177



12.8824, 12.6045, 15.3210



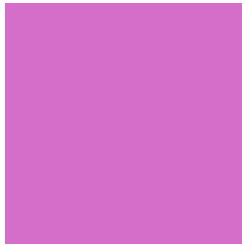
22.2095, 10.8201, 29.4711



1.3589, 0.6603, 1.8793

Previews

White Background



This preview shows how the XYZ color 43.4418, 29.4681, 58.0419 looks on a white background.

Color Contrast Check

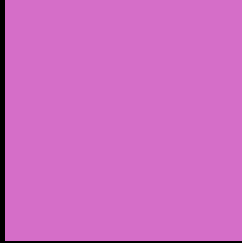
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4418, 29.4681, 58.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

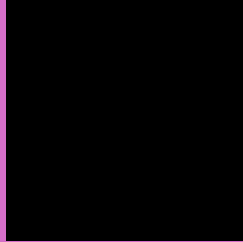
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.4418, 29.4681, 58.0419

Background



This preview shows how black text looks on a background with the XYZ color 43.4418, 29.4681, 58.0419.

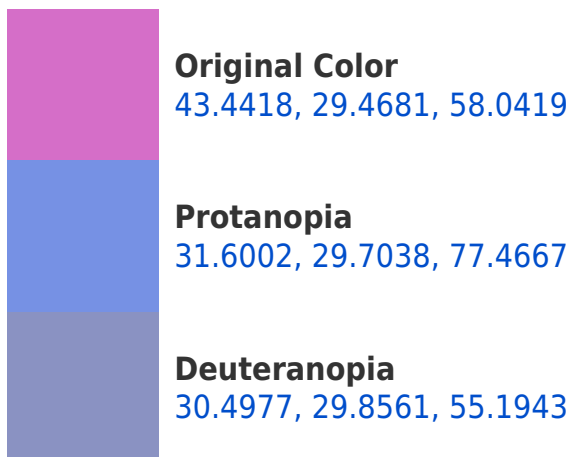


This preview shows how white text looks on a background with the XYZ color 43.4418, 29.4681,

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





Tritanopia

36.8135, 29.3676, 26.2825

Trichromacy



Original Color

43.4418, 29.4681, 58.0419



Protanomaly

34.0430, 28.3368, 70.0050



Deuteranomaly

33.8684, 28.7599, 55.9907



Tritanomaly

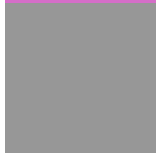
38.9005, 29.3115, 35.9552

Monochromacy



Original Color

43.4418, 29.4681, 58.0419



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

33.4212, 29.4716, 41.4632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4418, 29.4681, 58.0419 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(213, 110, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 110, 200)  
}
```

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(213, 110, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 110, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.4418, 29.4681, 58.0419 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(213, 110, 200) }
```


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

```
.border{ border-color:rgb(213, 110, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 110, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 110, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 110, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 110,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4418, 29.4681, 58.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 110, 200) }
```

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

```
.background{ background-color: rgb(213,  
110, 200) }
```

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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