

Converting Colors

XYZ(43.0580, 28.3236, 51.9128)

Have a look what the booklet for
XYZ(43.0580, 28.3236, 51.9128)
contains.

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Color

**XYZ(43.0580, 28.3236,
51.9128)**

Conversions

Conversions Part 1

Format	Color
Hex	DA67BE
RGB	218, 103, 190
RGB Percent	85%, 40%, 75%
CMY	0.1451, 0.5961, 0.2549
CMYK	0.00, 0.53, 0.13, 0.15
HSL	315°, 61%, 63%
HSV	315°, 53%, 85%
XYZ	43.0580, 28.3236, 51.9128
YIQ	147.3030, 40.6130, 51.4370

Conversions

Conversions Part 2

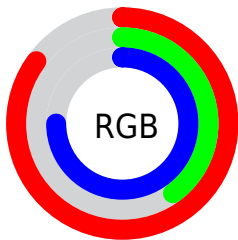
Format	Color
R _Y B	218, 103, 190
Decimal	14313406
CIE Lab	60.18, 55.65, -24.90
CIE LCh	60, 60.964, 335.895
Yxy	28.3236, 0.3492, 0.2297
Android (android.graphics.Color)	4292503486 (0xFFDA67BE)
YUV	147.3030, 21.0496, 62.0013
Hunter-Lab	53.2199, 51.2820, -20.5798

Details

The XYZ color **43.0580, 28.3236, 51.9128** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.7630, 54.6661, 30.1943**, and the grayscale version is **27.7633, 29.2091, 31.8087**.

A 20% lighter version of the original color is **70.2554, 52.4291, 94.4127**, and **19.9577, 11.2842, 24.4187** is the 20% darker color. If you saturate the color by 10%, you get **40.5960, 24.3109, 48.2817**, and if you desaturate by 10%, it is **46.1081, 33.4778, 55.8447**.

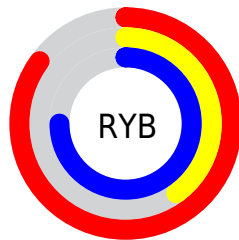
Distribution



Red (85%)

Green (40%)

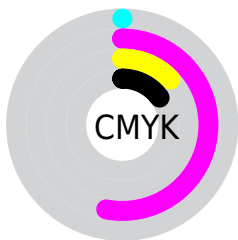
Blue (75%)



Red (85%)

Yellow (40%)

Blue (75%)

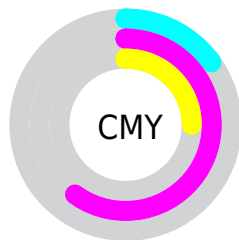


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (60%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0580, 28.3236, 51.9128 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 43.0580, 28.3236, 51.9128 by changing the saturation by 10% instead.


 43.0580, 28.3236,
51.9128


 43.0580, 28.3236,
51.9128


349.7677,
294.0100, 411.0472


 30.1253, 18.5697,
36.5538


 79.0535, 57.0007,
94.4279


 20.0823, 11.3598,
24.5691

 102.8471, 76.6927,
122.4211

 12.5635, 6.3094,
15.5403


 130.9918,
100.4662, 155.4628

 7.2036, 3.0341,
9.0486

 163.8528,
128.7056, 193.9714

 3.6372, 1.1496,
4.6756

201.7955,
161.7952, 238.3657

 1.4990, 0.0199,
2.0029

245.1853,

 0.3252, 0.0000,

200.1196, 289.0641

0.5570

294.3876,
244.0631, 346.4851

■ 0.0000, 0.0000,
0.0000

■ 43.0580, 28.3236,
51.9128

■ 43.0580, 28.3236,
51.9128

■ 40.5960, 24.3109,
48.2817

■ 46.1081, 33.4778,
55.8447

■ 38.6743, 21.3456,
44.9337

■ 49.7839, 39.8497,
60.0902

■ 37.2417, 19.3257,
41.8507

■ 54.1229, 47.5136,
64.6633

■ 36.2359, 18.1263,
39.0109

■ 59.1590, 56.5367,
69.5761

■ 35.6980, 17.6193,
37.0783

■ 64.9236, 66.9816,
74.8402

71.4461, 78.9068,
80.4665

78.5607, 91.9804,
86.4006

79.3055, 92.2783,
90.3230

80.0732, 92.5854,
94.3654

Harmonies

Analogous

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



36.7035, 28.3236, 80.3470



43.0580, 28.3236, 51.9128



44.7598, 28.3236, 26.6363

Triad

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



43.0580, 28.3236, 51.9128



25.4100, 28.3236, 4.8105



16.5092, 28.3236, 63.4896

Complementary

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



43.0580, 28.3236, 51.9128



34.7630, 54.6661, 30.1943

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.



14.5906, 28.3236, 35.4633



43.0580, 28.3236, 51.9128



19.0518, 28.3236, 7.4929

Square

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



43.0580, 28.3236, 51.9128



33.5207, 28.3236, 5.9035



15.4224, 28.3236, 16.4158



21.2494, 28.3236, 88.9899

Rectangle

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



43.0580, 28.3236, 51.9128



42.7879, 28.3236, 15.6304



15.4224, 28.3236, 16.4158



15.5593, 28.3236, 53.6517

Sweetspot

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



43.0589, 28.3249, 51.9134



81.8287, 76.0510, 96.8051



26.6869, 19.4966, 68.6871



17.1929, 15.7011, 20.4076



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.



43.0589, 28.3249, 51.9134



57.6534, 34.2796, 68.4644



38.0447, 26.3193, 25.5091



13.4718, 13.2178, 15.7457



21.4310, 10.5734, 22.4475



1.4215, 0.6982, 1.6285

Inverse Universe

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



43.0589, 28.3249, 51.9134



57.6534, 34.2796, 68.4644



39.6715, 56.6295, 56.0420



13.4718, 13.2178, 15.7457



21.4310, 10.5734, 22.4475



1.4215, 0.6982, 1.6285

Previews

White Background



This preview shows how the XYZ color 43.0580, 28.3236, 51.9128 looks on a white background.

Color Contrast Check

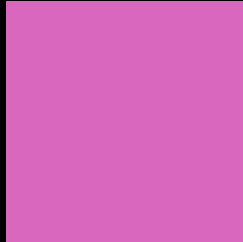
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0580, 28.3236, 51.9128 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 43.0580, 28.3236, 51.9128

Background



This preview shows how black text looks on a background with the XYZ color 43.0580, 28.3236, 51.9128.



This preview shows how white text looks on a background with the XYZ color 43.0580, 28.3236,

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

43.0580, 28.3236, 51.9128

Protanopia

30.3448, 28.7169, 72.3502

Deuteranopia

29.1849, 28.6393, 48.7895



Tritanopia

37.1083, 28.3121, 23.2476

Trichromacy



Original Color

43.0580, 28.3236, 51.9128



Protanomaly

32.6785, 26.9615, 64.4545



Deuteranomaly

32.7305, 27.3083, 50.0003



Tritanomaly

39.0615, 28.2763, 31.8329

Monochromacy



Original Color

43.0580, 28.3236, 51.9128



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

31.9607, 27.7612, 38.3243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0580, 28.3236, 51.9128 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(218, 103, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 103, 190)  
}
```

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(218, 103, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 103, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.0580, 28.3236, 51.9128 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(218, 103, 190) }
```


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

```
.border{ border-color:rgb(218, 103, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 103, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 103, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 103, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 103,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0580, 28.3236, 51.9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 103, 190) }
```

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

```
.background{ background-color: rgb(218,  
103, 190) }
```

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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