

Converting Colors

XYZ(41.3023, 28.7163, 38.0124)

Have a look what the booklet for
XYZ(41.3023, 28.7163, 38.0124)
contains.

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Color

**XYZ(41.2929, 28.6417,
38.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6DA3
RGB	219, 109, 163
RGB Percent	86%, 43%, 64%
CMY	0.1412, 0.5725, 0.3608
CMYK	0.00, 0.50, 0.26, 0.14
HSL	331°, 60%, 64%
HSV	331°, 50%, 86%
XYZ	41.2929, 28.6417, 38.0024
YIQ	148.0460, 48.2260, 40.1140

Conversions

Conversions Part 2

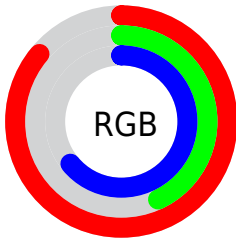
Format	Color
R _Y B	219, 109, 163
Decimal	14380451
CIE Lab	60.46, 49.10, -8.98
CIE LCh	60, 49.916, 349.636
Yxy	28.6417, 0.3826, 0.2654
Android (android.graphics.Color)	4292570531 (0xFFDB6DA3)
YUV	148.0460, 7.3723, 62.2267
Hunter-Lab	53.5179, 44.0691, -4.6385

Details

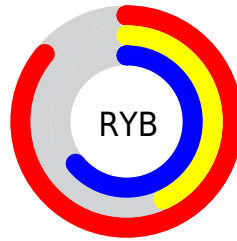
The XYZ color **41.2929, 28.6417, 38.0024** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.4311, 56.6316, 44.5055**, and the grayscale version is **28.1246, 29.5892, 32.2227**.

A 20% lighter version of the original color is **67.1703, 52.8729, 72.9949**, and **18.9334, 11.4571, 16.2525** is the 20% darker color. If you saturate the color by 10%, you get **38.2856, 24.1559, 32.2866**, and if you desaturate by 10%, it is **44.9719, 34.3294, 44.3773**.

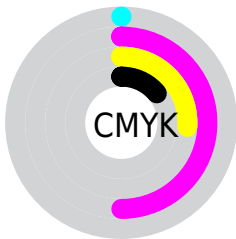
Distribution



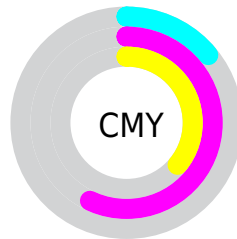
- Red (86%)
- Green (43%)
- Blue (64%)



- Red (86%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (14%)





- Cyan (14%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2929, 28.6417, 38.0024 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 41.2929, 28.6417, 38.0024 by changing the saturation by 10% instead.


 41.2929, 28.6417,
38.0024


 41.2929, 28.6417,
38.0024

342.5850,
295.5206, 352.9288


 28.7367, 18.8099,
25.6827


 76.4002, 57.5073,
73.3153


 19.0250, 11.5330,
16.3628


 99.6821, 77.3100,
97.1455

 11.7925, 6.4266,
9.6241


 127.2698,
101.2051, 125.6498

 6.6737, 3.1062,
5.0481

 159.5289,
129.5770, 159.2464

 3.3034, 1.1874,
2.2163

196.8246,
162.8101, 198.3541

 1.3162, 0.0514,
0.6837

239.5223,

 0.1953, 0.0000,

201.2888, 243.3914

0.0000

287.9873,
245.3975, 294.7768

■ 0.0000, 0.0000,
0.0000

■ 41.2929, 28.6417,
38.0024

■ 41.2929, 28.6417,
38.0024

■ 38.2856, 24.1559,
32.2866

■ 44.9719, 34.3294,
44.3773

■ 35.9012, 20.7786,
27.2015

■ 49.3617, 41.2947,
51.4342

■ 34.0878, 18.4099,
22.7186

■ 54.5015, 49.6119,
59.1968

■ 32.7832, 16.9291,
18.8049

■ 60.4264, 59.3485,
67.6869

■ 31.8939, 16.1323,
15.4822

■ 67.1696, 70.5673,
76.9252

■ 74.7621, 83.3274,
86.9316

■ 80.8579, 92.9339,
96.9331

■ 82.5755, 93.6209,
105.9783

■ 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



37.7770, 28.6417, 60.2131



41.2929, 28.6417, 38.0024



40.6134, 28.6417, 20.7323

Triad

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



41.2929, 28.6417, 38.0024



23.2745, 28.6417, 8.3058



19.9725, 28.6417, 66.7126

Complementary

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



41.2929, 28.6417, 38.0024



38.4311, 56.6316, 44.5055

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.



17.1562, 28.6417, 44.6689



41.2929, 28.6417, 38.0024



18.8443, 28.6417, 13.4101

Square

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



41.2929, 28.6417, 38.0024



29.5094, 28.6417, 7.7073



16.7786, 28.6417, 25.2376



25.0580, 28.6417, 80.6214

Rectangle

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



41.2929, 28.6417, 38.0024



37.9027, 28.6417, 13.6073



16.7786, 28.6417, 25.2376



18.7655, 28.6417, 59.6805

Sweetspot

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



41.2937, 28.6431, 38.0029



81.0600, 76.7856, 89.5453



33.5661, 23.9460, 69.8709



16.9746, 15.8189, 18.6256



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.



41.2937, 28.6431, 38.0029



53.9377, 33.9413, 45.3586



37.4435, 27.1030, 17.7277



13.3211, 13.1575, 14.9523



18.9666, 9.5877, 9.4702



1.2722, 0.6385, 0.8424

Inverse Universe

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



41.2937, 28.6431, 38.0029



53.9377, 33.9413, 45.3586



44.4253, 59.0293, 76.0703



13.3211, 13.1575, 14.9523



18.9666, 9.5877, 9.4702



1.2722, 0.6385, 0.8424

Previews

White Background



This preview shows how the XYZ color 41.2929, 28.6417, 38.0024 looks on a white background.

Color Contrast Check

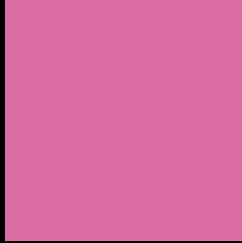
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2929, 28.6417, 38.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

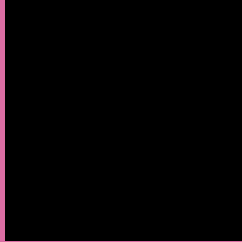
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.2929, 28.6417, 38.0024

Background



This preview shows how black text looks on a background with the XYZ color 41.2929, 28.6417, 38.0024.



This preview shows how white text looks on a background with the XYZ color 41.2929, 28.6417,

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

41.2929, 28.6417, 38.0024

Protanopia

29.2484, 29.0729, 51.0838

Deuteranopia

29.3621, 28.7832, 36.3559



Tritanopia

38.0873, 28.6503, 22.9247

Trichromacy



Original Color

41.2929, 28.6417, 38.0024



Protanomaly

32.0130, 27.8239, 45.8028



Deuteranomaly

32.6879, 27.9683, 36.9333



Tritanomaly

38.9964, 28.4976, 27.8714

Monochromacy



Original Color

41.2929, 28.6417, 38.0024



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.7304, 28.3488, 33.9365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2929, 28.6417, 38.0024 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(219, 109, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 109, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.2929, 28.6417, 38.0024 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, 163) }
```


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

```
.border{ border-color:rgb(219, 109, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 109, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 109, 163);  
box-shadow:4px 4px 4px 4px rgb(219, 109,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2929, 28.6417, 38.0024 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, 163) }
```

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

```
.background{ background-color: rgb(219,  
109, 163) }
```

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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