

Converting Colors

XYZ(41.0280, 28.1376, 33.4057)

Have a look what the booklet for
XYZ(41.0280, 28.1376, 33.4057)
contains.

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Color

**XYZ(41.0280, 28.1376,
33.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6A99
RGB	222, 106, 153
RGB Percent	87%, 42%, 60%
CMY	0.1294, 0.5843, 0.4000
CMYK	0.00, 0.52, 0.31, 0.13
HSL	336°, 64%, 64%
HSV	336°, 52%, 87%
XYZ	41.0280, 28.1376, 33.4057
YIQ	146.0420, 54.0490, 39.2090

Conversions

Conversions Part 2

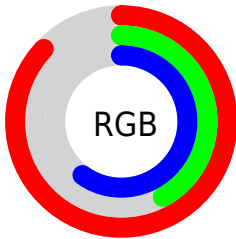
Format	Color
RYB	222, 106, 153
Decimal	14576281
CIELab	60.01, 50.24, -3.83
CIElCh	60, 50.382, 355.635
Yxy	28.1376, 0.4000, 0.2743
Android (android.graphics.Color)	4292766361 (0xFFDE6A99)
YUV	146.0420, 3.4303, 66.6152
Hunter-Lab	53.0449, 45.2337, -0.2072

Details

The XYZ color **41.0280, 28.1376, 33.4057** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.8044, 58.4026, 49.7355**, and the grayscale version is **27.3107, 28.7329, 31.2902**.

A 20% lighter version of the original color is **65.2474, 51.2547, 65.4857**, and **18.9361, 11.3078, 13.7550** is the 20% darker color. If you saturate the color by 10%, you get **37.9981, 23.7277, 27.3089**, and if you desaturate by 10%, it is **44.7723, 33.7827, 40.3368**.

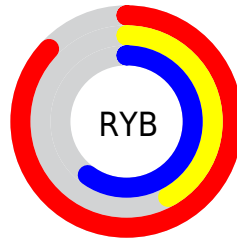
Distribution



Red (87%)

Green (42%)

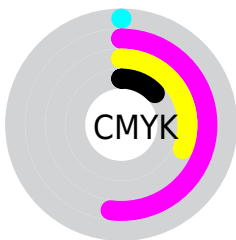
Blue (60%)



Red (87%)

Yellow (42%)

Blue (60%)

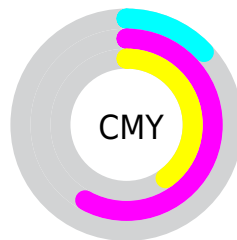


Cyan (0%)

Magenta (52%)

Yellow (31%)

Black (13%)



Cyan (13%)


Magenta (58%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0280, 28.1376, 33.4057 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 41.0280, 28.1376, 33.4057 by changing the saturation by 10% instead.


 41.0280, 28.1376,
33.4057


 41.0280, 28.1376,
33.4057

341.4982,
293.1238, 332.1618


 28.5287, 18.4294,
22.1638


 76.0008, 56.7041,
66.1317


 18.8671, 11.2587,
13.7778


 99.2051, 76.3311,
88.4529

 11.6777, 6.2411,
7.8293


 126.7084,
100.0332, 115.3041

 6.5953, 2.9923,
3.8997

 158.8762,
128.1948, 147.1041

 3.2544, 1.1277,
1.5705

196.0737,
161.2003, 184.2714

 1.2897, 0.0014,
0.2696

238.6663,

 0.1755, 0.0000,

199.4340, 227.2243

0.0000

287.0193,
243.2804, 276.3816

■ 0.0000, 0.0000,
0.0000

■ 41.0280, 28.1376,
33.4057

■ 41.0280, 28.1376,
33.4057

■ 37.9981, 23.7277,
27.3089

■ 44.7723, 33.7827,
40.3368

■ 35.6296, 20.4539,
22.0087

■ 49.2741, 40.7438,
48.1341

■ 33.8654, 18.2084,
17.4658


■ 54.5756, 49.0994,
56.8297


■ 32.6367, 16.8605,
13.6359


■ 60.7153, 58.9210,
66.4533

■ 31.9672, 16.2668,
11.1148

■ 67.7290, 70.2749,
77.0331

 75.6503, 83.2234,
88.5961

 82.4332, 93.6692,
100.4753

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



38.2752, 28.1376, 55.2221



41.0280, 28.1376, 33.4057



39.4802, 28.1376, 17.7521

Triad

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



41.0280, 28.1376, 33.4057



21.7536, 28.1376, 8.5469



20.3670, 28.1376, 70.0373

Complementary

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



41.0280, 28.1376, 33.4057



39.8044, 58.4026, 49.7355

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.



17.0918, 28.1376, 48.6068



41.0280, 28.1376, 33.4057



17.7980, 28.1376, 14.7076

Square

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



41.0280, 28.1376, 33.4057



27.6940, 28.1376, 7.1853



16.2321, 28.1376, 28.0258



25.8159, 28.1376, 81.0975

Rectangle

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



41.0280, 28.1376, 33.4057



36.3313, 28.1376, 11.6835



16.2321, 28.1376, 28.0258



19.0117, 28.1376, 63.4747

Sweetspot

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



41.0288, 28.1390, 33.4062



79.7229, 75.2087, 85.7163



35.7216, 24.5442, 71.9621



16.6904, 15.5001, 17.7614



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.



41.0288, 28.1390, 33.4062



51.5698, 31.8462, 36.4286



38.9339, 28.9859, 17.1803



13.9362, 13.7921, 15.4343



19.0397, 9.6829, 6.8748



1.3632, 0.6886, 0.7057

Inverse Universe

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



41.0288, 28.1390, 33.4062



51.5698, 31.8462, 36.4286



42.7566, 55.5926, 77.5842



13.9362, 13.7921, 15.4343



19.0397, 9.6829, 6.8748



1.3632, 0.6886, 0.7057

Previews

White Background



This preview shows how the XYZ color 41.0280, 28.1376, 33.4057 looks on a white background.

Color Contrast Check

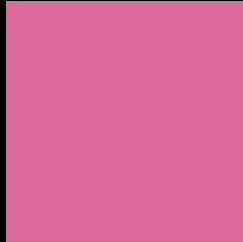
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0280, 28.1376, 33.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

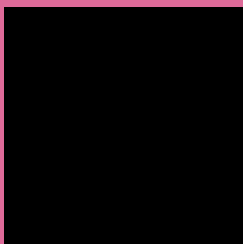
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.0280, 28.1376, 33.4057

Background



This preview shows how black text looks on a background with the XYZ color 41.0280, 28.1376, 33.4057.



This preview shows how white text looks on a background with the XYZ color 41.0280, 28.1376,

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

41.0280, 28.1376, 33.4057

Protanopia

28.3903, 28.5241, 45.6043

Deuteranopia

28.8919, 28.4254, 31.5677



Tritanopia

38.3978, 28.0045, 21.1509

Trichromacy



Original Color

41.0280, 28.1376, 33.4057

Protanomaly

31.4127, 27.2274, 40.6456

Deuteranomaly

32.2000, 27.4320, 32.0316

Tritanomaly

39.2560, 28.0334, 25.1718

Monochromacy



Original Color

41.0280, 28.1376, 33.4057

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.9967, 27.4012, 32.0890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0280, 28.1376, 33.4057 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(222, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(222, 106, 153)  
}
```

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(222, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 106, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.0280, 28.1376, 33.4057 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(222, 106, 153) }
```


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

```
.border{ border-color:rgb(222, 106, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 106, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(222, 106,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0280, 28.1376, 33.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 106, 153) }
```

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

```
.background{ background-color: rgb(222,  
106, 153) }
```

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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