

Converting Colors

XYZ(40.1679, 27.5849, 28.0221)

Have a look what the booklet for
XYZ(40.1679, 27.5849, 28.0221)
contains.

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Color

**XYZ(40.2166, 27.6846,
28.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	DF698C
RGB	223, 105, 140
RGB Percent	87%, 41%, 55%
CMY	0.1255, 0.5882, 0.4510
CMYK	0.00, 0.53, 0.37, 0.13
HSL	342°, 65%, 64%
HSV	342°, 53%, 87%
XYZ	40.2166, 27.6846, 28.0350
YIQ	144.2720, 59.0930, 35.9010

Conversions

Conversions Part 2

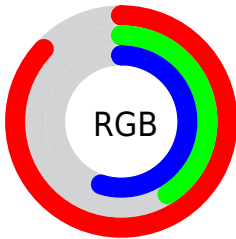
Format	Color
R _Y B	223, 105, 140
Decimal	14641548
CIE Lab	59.60, 49.50, 3.11
CIE LCh	60, 49.594, 3.599
Yxy	27.6846, 0.4192, 0.2886
Android (android.graphics.Color)	4292831628 (0xFFDF698C)
YUV	144.2720, -2.1061, 69.0445
Hunter-Lab	52.6162, 44.3563, 5.2403

Details

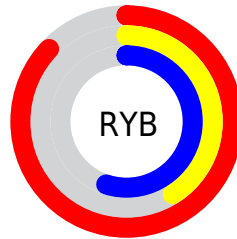
The XYZ color **40.2166, 27.6846, 28.0350** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.2919, 59.4100, 56.8714**, and the grayscale version is **26.6114, 27.9972, 30.4890**.

A 20% lighter version of the original color is **63.4364, 50.2519, 56.8082**, and **18.3391, 10.9984, 10.8292** is the 20% darker color. If you saturate the color by 10%, you get **37.1603, 23.2929, 21.7106**, and if you desaturate by 10%, it is **44.0348, 33.3359, 35.4274**.

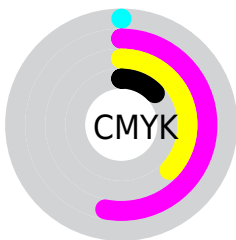
Distribution



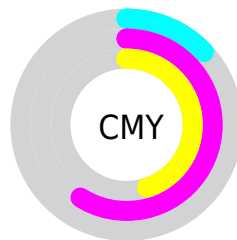
- Red (87%)
- Green (41%)
- Blue (55%)



- Red (87%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (37%)
- Black (13%)





- Cyan (13%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2166, 27.6846, 28.0350 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 40.2166, 27.6846, 28.0350 by changing the saturation by 10% instead.


 40.2166, 27.6846,
28.0350


 40.2166, 27.6846,
28.0350

338.1544,
290.9567, 306.5513


 27.8924, 18.0880,
18.1128


 74.7755, 55.9805,
57.5641

 18.3846, 11.0132,
10.8607


 97.7409, 75.4486,
78.0080

 11.3278, 6.0757,
5.8603


 124.9841, 98.9761,
102.7963

 6.3567, 2.8912,
2.6929

 156.8704,
126.9472, 132.3474

 3.1059, 1.0752,
0.9398

193.7653,
159.7464, 167.0799

 1.2100, 0.0000,
0.0000

236.0340,

 0.1142, 0.0000,

197.7582, 207.4124

0.0000

284.0419,
241.3668, 253.7634

■ 0.0000, 0.0000,
0.0000

■ 40.2166, 27.6846,
28.0350

■ 40.2166, 27.6846,
28.0350

■ 37.1603, 23.2929,
21.7106

■ 44.0348, 33.3359,
35.4274

■ 34.8090, 20.0586,
16.4003

■ 48.6615, 40.3300,
43.9347

■ 33.1011, 17.8703,
12.0471


■ 54.1423, 48.7481,
53.6030


■ 31.9624, 16.5923,
8.5866


■ 60.5185, 58.6635,
64.4750

■ 31.4188, 16.0829,
6.6237

■ 67.8289, 70.1445,
76.5912

 76.1098, 83.2554,
89.9900

 83.4162, 94.0979,
104.0487

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



38.6075, 27.6846, 48.1763



40.2166, 27.6846, 28.0350



37.6419, 27.6846, 14.8314

Triad

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



40.2166, 27.6846, 28.0350



20.2094, 27.6846, 9.6084



21.3249, 27.6846, 72.6569

Complementary

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



40.2166, 27.6846, 28.0350



41.2919, 59.4100, 56.8714

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.



17.5217, 27.6846, 53.4736



40.2166, 27.6846, 28.0350



16.9529, 27.6846, 17.2875

Square

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



40.2166, 27.6846, 28.0350



25.5664, 27.6846, 7.1940



16.0524, 27.6846, 32.3558



27.0748, 27.6846, 79.1711

Rectangle

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



40.2166, 27.6846, 28.0350



34.1058, 27.6846, 10.0656



16.0524, 27.6846, 32.3558



19.8086, 27.6846, 67.1830

Sweetspot

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



40.2174, 27.6860, 28.0355



79.1059, 74.9619, 82.4675



39.0127, 26.0732, 72.7883



16.5443, 15.4416, 16.9919



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.



40.2174, 27.6860, 28.0355



50.1560, 31.2806, 28.9834



40.7799, 32.3048, 17.4526



13.8737, 13.7671, 15.1049



18.5171, 9.4739, 4.1231



1.3220, 0.6721, 0.4888

Inverse Universe

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



40.2174, 27.6860, 28.0355



50.1560, 31.2806, 28.9834



39.6617, 49.3631, 77.2495



13.8737, 13.7671, 15.1049



18.5171, 9.4739, 4.1231



1.3220, 0.6721, 0.4888

Previews

White Background



This preview shows how the XYZ color 40.2166, 27.6846, 28.0350 looks on a white background.

Color Contrast Check

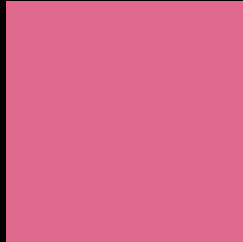
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2166, 27.6846, 28.0350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

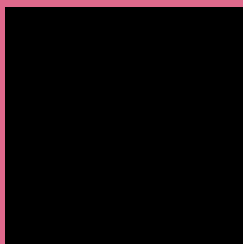
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.2166, 27.6846, 28.0350

Background



This preview shows how black text looks on a background with the XYZ color 40.2166, 27.6846, 28.0350.



This preview shows how white text looks on a background with the XYZ color 40.2166, 27.6846,

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

40.2166, 27.6846, 28.0350

Protanopia

27.3286, 27.9163, 38.1304

Deuteranopia

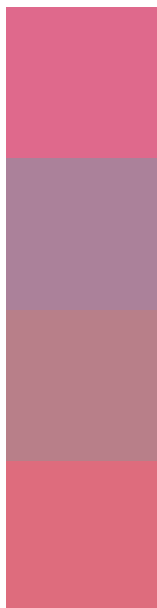
28.3037, 27.7916, 26.7942



Tritanopia

38.4983, 27.5938, 20.1267

Trichromacy



Original Color

40.2166, 27.6846, 28.0350

Protanomaly

30.4776, 26.6915, 34.1175

Deuteranomaly

31.8719, 27.1752, 27.2324

Tritanomaly

39.1884, 27.7354, 22.6900

Monochromacy



Original Color

40.2166, 27.6846, 28.0350

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

30.1741, 26.8327, 29.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2166, 27.6846, 28.0350 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(223, 105, 140)` looks like.

```
.text, #text, p{  
    color:rgb(223, 105, 140)  
}
```

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(223, 105, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 105, 140) }
```

Border

The CSS property to change the border of an element to XYZ 40.2166, 27.6846, 28.0350 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(223, 105, 140) }
```


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

```
.border{ border-color:rgb(223, 105, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 105, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 105, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 105, 140);  
box-shadow:4px 4px 4px 4px rgb(223, 105,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2166, 27.6846, 28.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 105, 140) }
```

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

```
.background{ background-color: rgb(223,  
105, 140) }
```

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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