

Converting Colors

XYZ(38.1067, 27.0619, 29.8525)

Have a look what the booklet for
XYZ(38.1067, 27.0619, 29.8525)
contains.

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Color

**XYZ(38.2050, 27.0656,
29.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	D66C91
RGB	214, 108, 145
RGB Percent	84%, 42%, 57%
CMY	0.1608, 0.5764, 0.4314
CMYK	0.00, 0.50, 0.32, 0.16
HSL	339°, 56%, 63%
HSV	339°, 50%, 84%
XYZ	38.2050, 27.0656, 29.9986
YIQ	143.9120, 51.2990, 33.9790

Conversions

Conversions Part 2

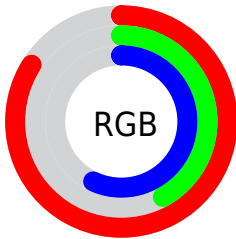
Format	Color
R _Y B	214, 108, 145
Decimal	14052497
CIE Lab	59.03, 45.58, -0.77
CIE LCh	59, 45.583, 359.033
Yxy	27.0656, 0.4010, 0.2841
Android (android.graphics.Color)	4292242577 (0xFFD66C91)
YUV	143.9120, 0.5364, 61.4672
Hunter-Lab	52.0246, 40.0409, 2.2292

Details

The XYZ color **38.2050, 27.0656, 29.9986** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.1681, 54.4564, 50.0975**, and the grayscale version is **26.4581, 27.8360, 30.3134**.

A 20% lighter version of the original color is **64.4691, 51.2242, 60.5222**, and **17.1420, 10.6265, 11.9741** is the 20% darker color. If you saturate the color by 10%, you get **35.2095, 22.6896, 24.0213**, and if you desaturate by 10%, it is **41.8876, 32.6047, 36.8554**.

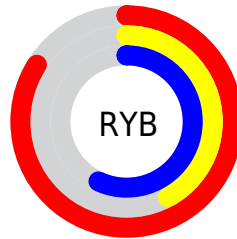
Distribution



Red (84%)

Green (42%)

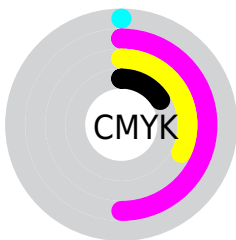
Blue (57%)



Red (84%)

Yellow (42%)

Blue (57%)

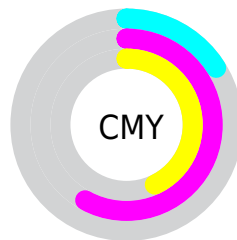


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (58%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2050, 27.0656, 29.9986 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 38.2050, 27.0656, 29.9986 by changing the saturation by 10% instead.


 38.2050, 27.0656,
29.9986


 38.2050, 27.0656,
29.9986

329.7642,
287.9746, 316.1050

 26.3198, 17.6225,
19.5855


 71.7241, 54.9891,
60.7209


 17.1969, 10.6793,
11.9130


 94.0887, 74.2383,
81.8673

 10.4712, 5.8516,
6.5627


 120.6771, 97.5250,
107.4284

 5.7771, 2.7551,
3.1159

 151.8548,
125.2336, 137.8228

 2.7494, 1.0052,
1.1541

187.9869,
157.7484, 173.4692

 1.0227, 0.0000,
0.0000

229.4390,

 0.0000, 0.0000,

195.4540, 214.7860

0.0000

276.5763,
238.7346, 262.1918

■ 38.2050, 27.0656,
29.9986

■ 38.2050, 27.0656,
29.9986

■ 35.2095, 22.6896,
24.0213

■ 41.8876, 32.6047,
36.8554

■ 32.8529, 19.3881,
18.8832

■ 46.2966, 39.3789,
44.6262

■ 31.0838, 17.0666,
14.5426


■ 51.4710, 47.4588,
53.3455


■ 29.8412, 15.6116,
10.9528


■ 57.4461, 56.9088,
63.0452

■ 29.0245, 14.8308,
8.0518

■ 64.2552, 67.7888,
73.7559

 28.9911, 14.8000,
7.9300

 71.9294, 80.1554,
85.5065

 79.5965, 92.2581,
98.0245

 81.5417, 93.0362,
108.2678

Harmonies

Analogous

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



36.2242, 27.0656, 48.5798



38.2050, 27.0656, 29.9986



36.4553, 27.0656, 16.7897

Triad

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



38.2050, 27.0656, 29.9986



20.7991, 27.0656, 9.7625



20.5244, 27.0656, 65.0633

Complementary

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



38.2050, 27.0656, 29.9986



38.1681, 54.4564, 50.0975

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.



17.3387, 27.0656, 47.3203



38.2050, 27.0656, 29.9986



17.4801, 27.0656, 16.1717

Square

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



38.2050, 27.0656, 29.9986



25.9090, 27.0656, 8.0077



16.3102, 27.0656, 28.9473



25.5419, 27.0656, 72.8776

Rectangle

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



38.2050, 27.0656, 29.9986



33.5355, 27.0656, 11.6512



16.3102, 27.0656, 28.9473



19.2325, 27.0656, 59.8045

Sweetspot

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



38.2058, 27.0670, 29.9991



80.2855, 76.4757, 85.4665



35.6101, 24.9171, 66.5512



16.7888, 15.7446, 17.6474



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.



38.2058, 27.0670, 29.9991



52.3368, 33.7081, 35.6733



37.6345, 29.7706, 17.9518



12.6004, 12.4917, 13.8361



17.5678, 8.9634, 5.0282



1.0982, 0.5561, 0.5063

Inverse Universe

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



38.2058, 27.0670, 29.9991



52.3368, 33.7081, 35.6733



38.5400, 48.4780, 70.9445



12.6004, 12.4917, 13.8361



17.5678, 8.9634, 5.0282



1.0982, 0.5561, 0.5063

Previews

White Background



This preview shows how the XYZ color 38.2050, 27.0656, 29.9986 looks on a white background.

Color Contrast Check

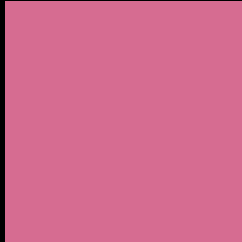
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2050, 27.0656, 29.9986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

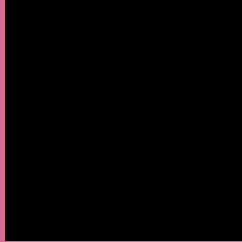
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2050, 27.0656, 29.9986

Background



This preview shows how black text looks on a background with the XYZ color 38.2050, 27.0656, 29.9986.



This preview shows how white text looks on a background with the XYZ color 38.2050, 27.0656,

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

38.2050, 27.0656, 29.9986

Protanopia

26.7976, 27.1696, 39.4292

Deuteranopia

27.7267, 27.2385, 28.6071



Tritanopia

36.5077, 27.1878, 21.4128

Trichromacy



Original Color

38.2050, 27.0656, 29.9986

Protanomaly

29.7477, 26.2761, 35.8517

Deuteranomaly

30.8320, 26.5967, 29.0998

Tritanomaly

37.1543, 27.1267, 24.3968

Monochromacy



Original Color

38.2050, 27.0656, 29.9986

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.5125, 26.6812, 29.9801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2050, 27.0656, 29.9986 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(214, 108, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 108, 145)  
}
```

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(214, 108, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 108, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.2050, 27.0656, 29.9986 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(214, 108, 145) }
```


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

```
.border{ border-color:rgb(214, 108, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 108, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 108, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 108, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 108,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2050, 27.0656, 29.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 108, 145) }
```

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

```
.background{ background-color: rgb(214,  
108, 145) }
```

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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