

Converting Colors

XYZ(29.3390, 16.3704, 13.8489)

Have a look what the booklet for
XYZ(29.3390, 16.3704, 13.8489)
contains.

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Color

**XYZ(29.3779, 16.3825,
13.9257)**

Conversions

Conversions Part 1

Format	Color
Hex	D02F65
RGB	208, 47, 101
RGB Percent	82%, 18%, 40%
CMY	0.1843, 0.8156, 0.6039
CMYK	0.00, 0.77, 0.51, 0.18
HSL	340°, 63%, 50%
HSV	340°, 77%, 82%
XYZ	29.3779, 16.3825, 13.9257
YIQ	101.2950, 78.6220, 50.9260

Conversions

Conversions Part 2

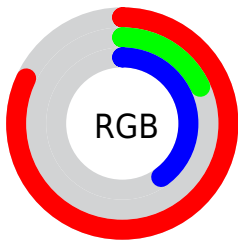
Format	Color
RYB	208, 47, 101
Decimal	13643621
CIELab	47.47, 64.48, 8.67
CIELCh	47, 65.055, 7.658
Yxy	16.3825, 0.4922, 0.2745
Android (android.graphics.Color)	4291833701 (0xFFD02F65)
YUV	101.2950, -0.1454, 93.5803
Hunter-Lab	40.4753, 58.7276, 7.9337

Details

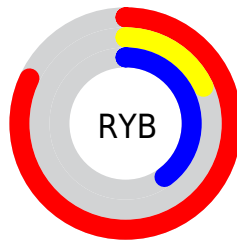
The XYZ color **29.3779, 16.3825, 13.9257** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **29.5623, 48.0497, 38.2932**, and the grayscale version is **12.4333, 13.0809, 14.2450**.

A 20% lighter version of the original color is **52.2701, 34.2521, 33.5621**, and **12.7222, 6.4789, 4.1944** is the 20% darker color. If you saturate the color by 10%, you get **28.1139, 14.8491, 10.4389**, and if you desaturate by 10%, it is **31.1526, 18.7552, 18.1451**.

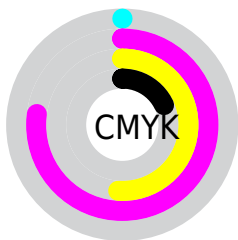
Distribution



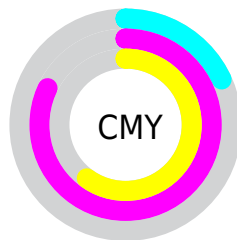
- Red (82%)
- Green (18%)
- Blue (40%)



- Red (82%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (51%)
- Black (18%)





- Cyan (18%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3779, 16.3825, 13.9257 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 29.3779, 16.3825, 13.9257 by changing the saturation by 10% instead.


 29.3779, 16.3825,
13.9257


 29.3779, 16.3825,
13.9257


290.9560,
231.5883, 228.1805


 19.5126, 9.7952,
7.9308


 58.0704, 37.2610,
33.6724


 12.1474, 5.2634,
3.9636


 77.6283, 52.3210,
48.2613


 6.9171, 2.4026,
1.6054


 101.1477, 70.9740,
66.5519

 3.4562, 0.8272,
0.2947

 128.9941, 93.6044,
88.9629

 1.3993, 0.0000,
0.0000

 161.5327,
120.5967, 115.9126

 0.2558, 0.0000,
0.0000

199.1290,

 0.0000, 0.0000,

152.3352, 147.8198

0.0000

242.1483,
189.2042, 185.1029

■ 29.3779, 16.3825,
13.9257

■ 29.3779, 16.3825,
13.9257

■ 28.1139, 14.8491,
10.4389

■ 31.1526, 18.7552,
18.1451

■ 27.2854, 14.0131,
7.6313

■ 33.4917, 22.0659,
23.1409

■ 27.1101, 13.8489,
6.9980

■ 36.4432, 26.4025,
28.9537

■ 40.0493, 31.8420,
35.6206

■ 44.3482, 38.4539,
43.1763

■ 49.3753, 46.3019,
51.6535

■ 55.1634, 55.4451,
61.0830

■ 61.7432, 65.9390,
71.4943

■ 69.1437, 77.8355,
82.9154

Harmonies

Analogous

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



28.2702, 16.3825, 32.8693



29.3779, 16.3825, 13.9257



26.1241, 16.3825, 4.6067

Triad

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



29.3779, 16.3825, 13.9257



9.7230, 16.3825, 2.6463



11.7187, 16.3825, 66.4045

Complementary

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



29.3779, 16.3825, 13.9257



29.5623, 48.0497, 38.2932

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.



8.3289, 16.3825, 45.1858



29.3779, 16.3825, 13.9257



7.3911, 16.3825, 8.2717

Square

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



29.3779, 16.3825, 13.9257



14.1374, 16.3825, 1.2369



6.9530, 16.3825, 22.4214



17.0986, 16.3825, 71.5888

Rectangle

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



29.3779, 16.3825, 13.9257



22.3015, 16.3825, 2.1999



6.9530, 16.3825, 22.4214



10.3526, 16.3825, 60.4728

Sweetspot

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



29.3783, 16.3834, 13.9260



73.4561, 65.8568, 73.8185



25.2864, 13.2301, 60.8952



15.1240, 13.1651, 14.7801



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.



29.3783, 16.3834, 13.9260



43.6293, 22.5579, 13.4570



28.7891, 18.1421, 4.6750



11.9699, 11.8727, 13.1176



16.9370, 8.6477, 4.5746



0.9836, 0.4982, 0.4486

Inverse Universe

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



29.3783, 16.3834, 13.9260



43.6293, 22.5579, 13.4570



29.6676, 39.3780, 65.7114



11.9699, 11.8727, 13.1176



16.9370, 8.6477, 4.5746



0.9836, 0.4982, 0.4486

Previews

White Background



This preview shows how the XYZ color 29.3779, 16.3825, 13.9257 looks on a white 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

Black Background



This preview shows how the XYZ color 29.3779, 16.3825, 13.9257 looks on a black 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

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

XYZ 29.3779, 16.3825, 13.9257

Background



This preview shows how black text looks on a background with the XYZ color 29.3779, 16.3825, 13.9257.



This preview shows how white text looks on a background with the XYZ color 29.3779, 16.3825,

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

29.3779, 16.3825, 13.9257

Protanopia

16.4224, 16.5541, 25.6222

Deuteranopia

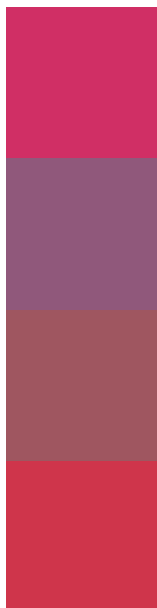
16.8045, 16.5529, 12.6653



Tritanopia

27.7323, 16.3743, 5.9739

Trichromacy



Original Color

29.3779, 16.3825, 13.9257

Protanomaly

18.5665, 14.3388, 20.5280

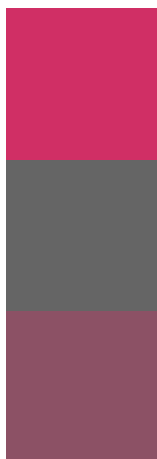
Deuteranomaly

19.7372, 14.8710, 12.8965

Tritanomaly

28.2752, 16.3196, 8.3163

Monochromacy



Original Color

29.3779, 16.3825, 13.9257

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

16.1066, 12.3999, 13.8564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3779, 16.3825, 13.9257 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(208, 47, 101)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 101)  
}
```

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(208, 47, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 101) }
```

Border

The CSS property to change the border of an element to XYZ 29.3779, 16.3825, 13.9257 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(208, 47, 101) }
```


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

```
.border{ border-color:rgb(208, 47, 101) }
```

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

Here you see how a box with a 4 pixel rgb(208, 47, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 101);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3779, 16.3825, 13.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 101) }
```

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

```
.background{ background-color: rgb(208, 47,  
101) }
```

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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