

Converting Colors

XYZ(29.6288, 16.5635, 18.2635)

Have a look what the booklet for
XYZ(29.6288, 16.5635, 18.2635)
contains.

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Color

**XYZ(29.7043, 16.5794,
18.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3174
RGB	206, 49, 116
RGB Percent	81%, 19%, 45%
CMY	0.1922, 0.8078, 0.5451
CMYK	0.00, 0.76, 0.44, 0.19
HSL	334°, 62%, 50%
HSV	334°, 76%, 81%
XYZ	29.7043, 16.5794, 18.1575
YIQ	103.5810, 72.0650, 54.1210

Conversions

Conversions Part 2

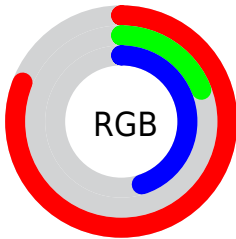
Format	Color
R_{YB}	206, 49, 116
Decimal	13513076
CIE _{Lab}	47.73, 64.63, -0.21
CIE _{LCh}	48, 64.631, 359.811
Yxy	16.5794, 0.4610, 0.2573
Android (android.graphics.Color)	4291703156 (0xFFCE3174)
YUV	103.5810, 6.1226, 89.8215
Hunter-Lab	40.7178, 58.9625, 2.0630

Details

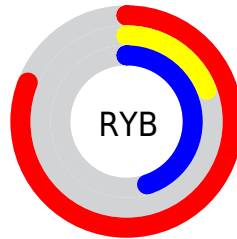
The XYZ color **29.7043, 16.5794, 18.1575** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.9995, 46.6602, 31.9609**, and the grayscale version is **13.0183, 13.6963, 14.9153**.

A 20% lighter version of the original color is **53.8838, 35.2390, 41.0076**, and **12.8974, 6.5283, 6.0492** is the 20% darker color. If you saturate the color by 10%, you get **28.3870, 14.9753, 14.5418**, and if you desaturate by 10%, it is **31.5033, 19.0072, 22.3649**.

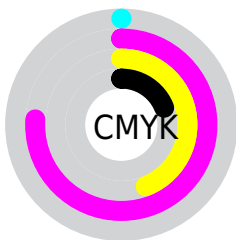
Distribution



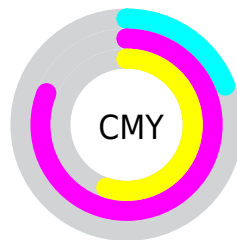
- Red (81%)
- Green (19%)
- Blue (45%)



- Red (81%)
- Yellow (19%)
- Blue (45%)



- Cyan (0%)
- Magenta (76%)
- Yellow (44%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7043, 16.5794, 18.1575 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 29.7043, 16.5794, 18.1575 by changing the saturation by 10% instead.

■ 29.7043, 16.5794,
18.1575

■ 29.7043, 16.5794,
18.1575

292.4583,
232.7368, 254.0232

■ 19.7612, 9.9351,
10.8925

■ 58.5841, 37.6012,
41.1231

■ 12.3288, 5.3559,
5.8813

■ 78.2515, 52.7474,
57.6607

■ 7.0418, 2.4576,
2.7054

■ 101.8910, 71.4965,
78.1264

■ 3.5348, 0.8553,
0.9462

■ 129.8680, 94.2326,
102.9386

■ 1.4425, 0.0000,
0.0000

■ 162.5479,
121.3403, 132.5158

■ 0.2862, 0.0000,
0.0000

200.2960,

■ 0.0000, 0.0000,

153.2040, 167.2766

0.0000

243.4777,
190.2080, 207.6395

■ 29.7043, 16.5794,
18.1575

■ 29.7043, 16.5794,
18.1575

■ 28.3870, 14.9753,
14.5418

■ 31.5033, 19.0072,
22.3649

■ 27.4868, 14.0707,
11.4799

■ 33.8332, 22.3521,
27.1953

■ 27.2110, 13.8248,
10.4456

■ 36.7383, 26.6979,
32.6782

■ 40.2575, 32.1180,
38.8404

■ 44.4263, 38.6790,
45.7069

■ 49.2772, 46.4419,
53.3014

■ 54.8406, 55.4634,
61.6462

■ 61.1449, 65.7965,
70.7628

■ 68.2171, 77.4913,
80.6716

Harmonies

Analogous

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



27.4612, 16.5794, 39.2774



29.7043, 16.5794, 18.1575



27.5144, 16.5794, 6.3947

Triad

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



29.7043, 16.5794, 18.1575



10.8499, 16.5794, 2.1186



10.8004, 16.5794, 61.9624

Complementary

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



29.7043, 16.5794, 18.1575



27.9995, 46.6602, 31.9609

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.



7.9430, 16.5794, 38.9724



29.7043, 16.5794, 18.1575



7.9663, 16.5794, 6.3040

Square

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



29.7043, 16.5794, 18.1575



15.7950, 16.5794, 1.2603



7.0468, 16.5794, 17.9472



15.7215, 16.5794, 72.3228

Rectangle

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



29.7043, 16.5794, 18.1575



24.0815, 16.5794, 3.0138



7.0468, 16.5794, 17.9472



9.6148, 16.5794, 54.9623

Sweetspot

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



29.7048, 16.5803, 18.1578



74.1604, 66.1385, 77.5273



22.7159, 12.0547, 59.5220



15.2925, 13.2324, 15.6673



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.



29.7048, 16.5803, 18.1578



45.0563, 23.2752, 20.5199



27.5968, 16.5209, 4.6413



11.4077, 11.2918, 12.6815



16.8021, 8.5314, 6.6766



0.9045, 0.4552, 0.5431

Inverse Universe

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



29.7048, 16.5803, 18.1578



45.0563, 23.2752, 20.5199



32.0427, 44.3794, 65.2697



11.4077, 11.2918, 12.6815



16.8021, 8.5314, 6.6766



0.9045, 0.4552, 0.5431

Previews

White Background



This preview shows how the XYZ color 29.7043, 16.5794, 18.1575 looks on a white background.

Color Contrast Check

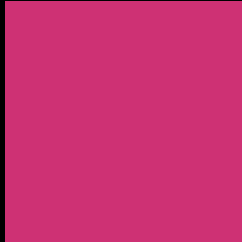
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7043, 16.5794, 18.1575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

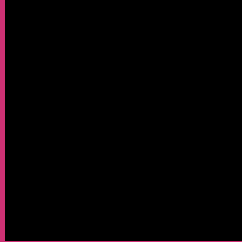
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.7043, 16.5794, 18.1575

Background



This preview shows how black text looks on a background with the XYZ color 29.7043, 16.5794, 18.1575.



This preview shows how white text looks on a background with the XYZ color 29.7043, 16.5794,

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

29.7043, 16.5794, 18.1575

Protanopia

17.2174, 16.9681, 32.9396

Deuteranopia

17.0351, 16.7466, 16.5219



Tritanopia

27.3895, 16.6449, 6.9235

Trichromacy



Original Color

29.7043, 16.5794, 18.1575

Protanomaly

19.2050, 14.7812, 26.6518

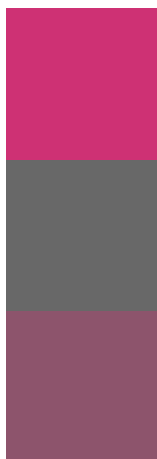
Deuteranomaly

20.0693, 15.1951, 16.9141

Tritanomaly

28.0151, 16.5036, 10.0965

Monochromacy



Original Color

29.7043, 16.5794, 18.1575

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.8616, 13.0861, 15.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7043, 16.5794, 18.1575 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(206, 49, 116)` looks like.

```
.text, #text, p{  
    color:rgb(206, 49, 116)  
}
```

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(206, 49, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 49, 116) }
```

Border

The CSS property to change the border of an element to XYZ 29.7043, 16.5794, 18.1575 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(206, 49, 116) }
```


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

```
.border{ border-color:rgb(206, 49, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 49, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 49, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 49, 116);  
box-shadow:4px 4px 4px 4px rgb(206, 49,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7043, 16.5794, 18.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 49, 116) }
```

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

```
.background{ background-color: rgb(206, 49,  
116) }
```

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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