

Converting Colors

XYZ(26.7250, 10.0500, 6.0256)

Have a look what the booklet for
XYZ(26.7250, 10.0500, 6.0256)
contains.

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Color

**XYZ(29.0677, 14.8644,
6.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	D70044
RGB	215, 0, 68
RGB Percent	84%, 0%, 27%
CMY	0.1569, 0.9998, 0.7333
CMYK	0.00, 1.00, 0.68, 0.16
HSL	341°, 100%, 42%
HSV	341°, 100%, 84%
XYZ	29.0677, 14.8644, 6.8059
YIQ	72.0370, 106.3120, 66.7280

Conversions

Conversions Part 2

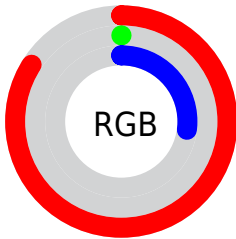
Format	Color
R_{YB}	215, 0, 68
Decimal	14090308
CIE Lab	45.45, 72.01, 26.57
CIE LCh	45, 76.753, 20.255
Yxy	14.8644, 0.5729, 0.2930
Android (android.graphics.Color)	4292280388 (0xFFD70044)
YUV	72.0370, -1.9902, 125.3786
Hunter-Lab	38.5544, 67.1082, 16.5218

Details

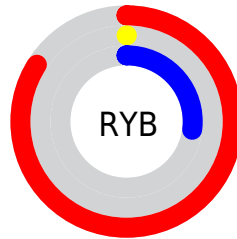
The XYZ color **29.0677, 14.8644, 6.8059** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.5709, 50.7089, 35.8516**, and the grayscale version is **6.1607, 6.4816, 7.0584**.

A 20% lighter version of the original color is **47.9648, 29.6657, 19.7210**, and **13.1353, 6.7500, 1.5878** is the 20% darker color. If you saturate the color by 10%, you get **29.0666, 14.8640, 6.8009**, and if you desaturate by 10%, it is **29.8524, 15.6235, 9.5659**.

Distribution



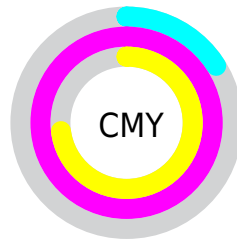
- Red (84%)
- Green (0%)
- Blue (27%)



- Red (84%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0677, 14.8644, 6.8059 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 29.0677, 14.8644, 6.8059 by changing the saturation by 10% instead.


 29.0677, 14.8644,
6.8059


 29.0677, 14.8644,
6.8059


289.5227,
222.5440, 175.6103


 19.2766, 8.7243,
3.2644


 57.5814, 34.6151,
20.0878


 11.9755, 4.5618,
1.2312


 77.0348, 48.9945,
30.6654


 6.7991, 1.9925,
0.0044


 100.4396, 66.8891,
44.4253

 3.3820, 0.6031,
0.0000

 128.1612, 88.6833,
61.7862

 1.3588, 0.0000,
0.0000

 160.5649,
114.7615, 83.1666

 0.2266, 0.0000,
0.0000

 198.0162,

 0.0000, 0.0000,

145.5081, 108.9851

0.0000

240.8803,
181.3074, 139.6601

■ 29.0677, 14.8644,
6.8059

■ 29.0677, 14.8644,
6.8059

■ 29.0666, 14.8640,
6.8009

■ 29.8524, 15.6235,
9.5659

■ 31.0664, 17.0487,
13.0622

■ 32.8192, 19.3479,
17.3659

■ 35.1741, 22.6373,
22.5302

■ 38.1851, 27.0150,
28.6027

■ 41.8997, 32.5672,
35.6273

■ 46.3610, 39.3714,
43.6449

■ 51.6084, 47.4985,
52.6935

■ 57.6786, 57.0139,
62.8094

Harmonies

Analogous

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



30.0199, 14.8644, 22.8988



29.0677, 14.8644, 6.8059



23.5261, 14.8644, 1.4067

Triad

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



29.0677, 14.8644, 6.8059



6.6322, 14.8644, 2.5034



12.1495, 14.8644, 81.4986

Complementary

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



29.0677, 14.8644, 6.8059



29.5709, 50.7089, 35.8516

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.



7.6403, 14.8644, 61.0952



29.0677, 14.8644, 6.8059



5.1511, 14.8644, 10.9310

Square

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



29.0677, 14.8644, 6.8059



10.2883, 14.8644, 0.4440



5.4540, 14.8644, 31.6723



18.8212, 14.8644, 76.6968

Rectangle

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



29.0677, 14.8644, 6.8059



18.6971, 14.8644, 0.4277



5.4540, 14.8644, 31.6723



10.3717, 14.8644, 76.9992

Sweetspot

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



29.0680, 14.8653, 6.8061



68.0020, 57.5969, 63.8361



24.2864, 11.1039, 65.1528



13.9307, 11.3715, 12.5537



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.



29.0680, 14.8653, 6.8061



42.7108, 21.8483, 9.6750



28.7649, 15.9281, 1.5597



12.5834, 12.4849, 13.7464



17.4281, 8.9075, 4.2922



1.0883, 0.5521, 0.4542

Inverse Universe

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



29.0680, 14.8653, 6.8061



42.7108, 21.8483, 9.6750



27.7115, 35.7972, 69.7386



12.5834, 12.4849, 13.7464



17.4281, 8.9075, 4.2922



1.0883, 0.5521, 0.4542

Previews

White Background



This preview shows how the XYZ color 29.0677, 14.8644, 6.8059 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 29.0677, 14.8644, 6.8059 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 29.0677, 14.8644, 6.8059

Background



This preview shows how black text looks on a background with the XYZ color 29.0677, 14.8644, 6.8059.



This preview shows how white text looks on a background with the XYZ color 29.0677, 14.8644,

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

29.0677, 14.8644, 6.8059

Protanopia

14.7570, 15.4543, 14.5171

Deuteranopia

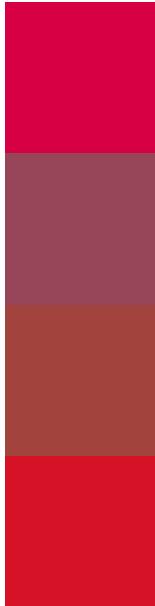
15.6468, 15.4770, 6.1657



Tritanopia

28.3015, 15.1885, 2.2506

Trichromacy



Original Color

29.0677, 14.8644, 6.8059

Protanomaly

16.6938, 11.5568, 10.8020

Deuteranomaly

17.9809, 12.1486, 5.9547

Tritanomaly

28.3141, 14.8752, 3.2983

Monochromacy



Original Color

29.0677, 14.8644, 6.8059

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

10.4265, 6.6940, 6.7038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0677, 14.8644, 6.8059 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(215, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 68)  
}
```

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(215, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 68) }
```

Border

The CSS property to change the border of an element to XYZ 29.0677, 14.8644, 6.8059 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(215, 0, 68) }
```


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

```
.border{ border-color:rgb(215, 0, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(215, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.0677, 14.8644, 6.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 68) }
```

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

```
.background{ background-color: rgb(215, 0,  
68) }
```

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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