

Converting Colors

XYZ(29.3615, 14.8479, 14.4092)

Have a look what the booklet for
XYZ(29.3615, 14.8479, 14.4092)
contains.

XYZ(29.3627, 14.8484, 14.4151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.3627, 14.8484,
14.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	D30068
RGB	211, 0, 104
RGB Percent	83%, 0%, 41%
CMY	0.1725, 0.9998, 0.5922
CMYK	0.00, 1.00, 0.51, 0.17
HSL	330°, 100%, 41%
HSV	330°, 100%, 83%
XYZ	29.3627, 14.8484, 14.4151
YIQ	74.9450, 92.3720, 77.0760

Conversions

Conversions Part 2

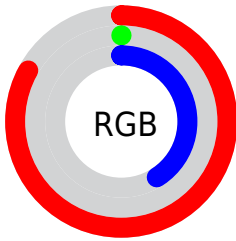
Format	Color
RYB	211, 0, 104
Decimal	13828200
CIELab	45.43, 73.24, 3.97
CIElCh	45, 73.346, 3.105
Yxy	14.8484, 0.5008, 0.2533
Android (android.graphics.Color)	4292018280 (0xFFD30068)
YUV	74.9450, 14.3241, 119.3202
Hunter-Lab	38.5336, 68.5835, 4.7937

Details

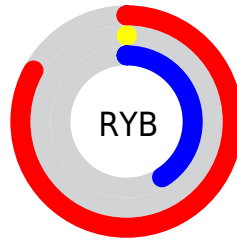
The XYZ color **29.3627, 14.8484, 14.4151** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.9509, 47.6512, 21.7518**, and the grayscale version is **6.6456, 6.9917, 7.6139**.

A 20% lighter version of the original color is **50.7288, 30.7713, 34.2761**, and **13.1581, 6.6950, 4.6017** is the 20% darker color. If you saturate the color by 10%, you get **29.3615, 14.8479, 14.4092**, and if you desaturate by 10%, it is **30.2121, 15.6215, 17.5529**.

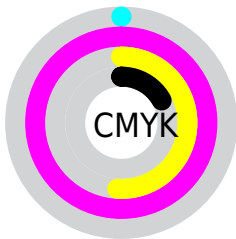
Distribution



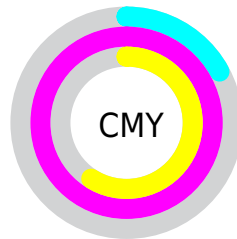
- Red (83%)
- Green (0%)
- Blue (41%)



- Red (83%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3627, 14.8484, 14.4151 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 29.3627, 14.8484, 14.4151 by changing the saturation by 10% instead.


 29.3627, 14.8484,
14.4151


 29.3627, 14.8484,
14.4151


290.8859,
222.4468, 231.3156


 19.5010, 8.7131,
8.2679


 58.0464, 34.5870,
34.5514


 12.1390, 4.5545,
4.1766


 77.5992, 48.9591,
49.3776


 6.9113, 1.9883,
1.7227


 101.1130, 66.8455,
67.9339

 3.4525, 0.6007,
0.3762

 128.9533, 88.6307,
90.6389

 1.3973, 0.0000,
0.0000

 161.4854,
114.6990, 117.9110

 0.2543, 0.0000,
0.0000

 199.0746,

 0.0000, 0.0000,

145.4348, 150.1688

0.0000

242.0863,
181.2226, 187.8308

■ 29.3627, 14.8484,
14.4151

■ 29.3627, 14.8484,
14.4151

■ 29.3615, 14.8479,
14.4092

■ 30.2121, 15.6215,
17.5529

■ 31.4281, 17.0132,
21.1652

■ 33.1121, 19.2227,
25.2975

■ 35.3203, 22.3592,
29.9794

■ 38.1006, 26.5150,
35.2373

■ 41.4952, 31.7709,
41.0954

■ 45.5418, 38.1997,
47.5760

■ 50.2754, 45.8677,
54.7000

■ 55.7280, 54.8365,
62.4872

Harmonies

Analogous

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



27.3702, 14.8484, 36.6190



29.3627, 14.8484, 14.4151



26.3939, 14.8484, 3.8857

Triad

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



29.3627, 14.8484, 14.4151



8.6273, 14.8484, 1.1967



9.4445, 14.8484, 68.4366

Complementary

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



29.3627, 14.8484, 14.4151



25.9509, 47.6512, 21.7518

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.



6.3917, 14.8484, 42.3283



29.3627, 14.8484, 14.4151



6.0243, 14.8484, 5.2359

Square

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



29.3627, 14.8484, 14.4151



13.4871, 14.8484, 0.3553



5.3423, 14.8484, 18.0562



14.7579, 14.8484, 78.2494

Rectangle

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



29.3627, 14.8484, 14.4151



22.3902, 14.8484, 1.4357



5.3423, 14.8484, 18.0562



8.1778, 14.8484, 60.6563

Sweetspot

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



29.3631, 14.8493, 14.4153



69.6804, 58.2683, 72.6745



17.6455, 7.7391, 62.1917



14.3241, 11.5289, 14.6254



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.



29.3631, 14.8493, 14.4153



44.9840, 22.7576, 21.6457



26.8646, 13.8499, 1.2586



12.0481, 11.9040, 13.5291



17.7713, 8.9813, 8.9676



1.0337, 0.5182, 0.7123

Inverse Universe

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



29.3631, 14.8493, 14.4153



44.9840, 22.7576, 21.6457



35.0526, 51.2919, 69.6808



12.0481, 11.9040, 13.5291



17.7713, 8.9813, 8.9676



1.0337, 0.5182, 0.7123

Previews

White Background



This preview shows how the XYZ color 29.3627, 14.8484, 14.4151 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 29.3627, 14.8484, 14.4151 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 29.3627, 14.8484, 14.4151

Background



This preview shows how black text looks on a background with the XYZ color 29.3627, 14.8484, 14.4151.



This preview shows how white text looks on a background with the XYZ color 29.3627, 14.8484,

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

29.3627, 14.8484, 14.4151

Protanopia

15.7973, 15.4685, 31.0073

Deuteranopia

15.6770, 15.4943, 12.9909



Tritanopia

27.2056, 15.1559, 3.5893

Trichromacy



Original Color

29.3627, 14.8484, 14.4151



Protanomaly

16.8430, 11.3530, 23.4939



Deuteranomaly

17.9221, 11.9641, 12.9200



Tritanomaly

27.5893, 14.6643, 6.2269

Monochromacy



Original Color

29.3627, 14.8484, 14.4151



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.0488, 7.0709, 9.5866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3627, 14.8484, 14.4151 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(211, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 104)  
}
```

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(211, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 29.3627, 14.8484, 14.4151 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(211, 0, 104) }
```


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

```
.border{ border-color:rgb(211, 0, 104) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3627, 14.8484, 14.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 104) }
```

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

```
.background{ background-color: rgb(211, 0,  
104) }
```

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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