

Converting Colors

XYZ(29.0680, 14.6680, 15.6877)

Have a look what the booklet for
XYZ(29.0680, 14.6680, 15.6877)
contains.

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Color

**XYZ(29.0548, 14.6594,
15.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	D1006D
RGB	209, 0, 109
RGB Percent	82%, 0%, 43%
CMY	0.1804, 0.9998, 0.5725
CMYK	0.00, 1.00, 0.48, 0.18
HSL	329°, 100%, 41%
HSV	329°, 100%, 82%
XYZ	29.0548, 14.6594, 15.7662
YIQ	74.9170, 89.5750, 78.2070

Conversions

Conversions Part 2

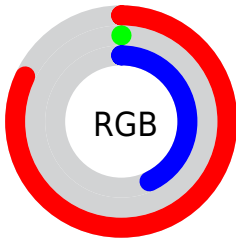
Format	Color
R_{YB}	209, 0, 109
Decimal	13697133
CIE _{Lab}	45.16, 73.18, 0.43
CIE _{LCh}	45, 73.182, 0.338
Yxy	14.6594, 0.4885, 0.2465
Android (android.graphics.Color)	4291887213 (0xFFD1006D)
YUV	74.9170, 16.8029, 117.5908
Hunter-Lab	38.2876, 68.4526, 2.3867

Details

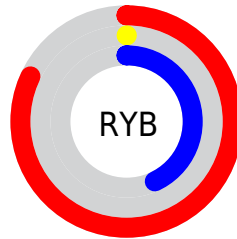
The XYZ color **29.0548, 14.6594, 15.7662** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.1030, 46.5219, 19.7231**, and the grayscale version is **6.6362, 6.9818, 7.6031**.

A 20% lighter version of the original color is **51.1575, 30.9428, 36.5340**, and **13.0822, 6.6437, 5.1503** is the 20% darker color. If you saturate the color by 10%, you get **29.0537, 14.6590, 15.7609**, and if you desaturate by 10%, it is **29.8914, 15.4214, 18.8546**.

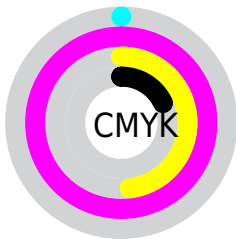
Distribution



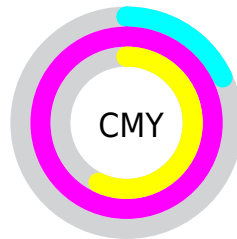
- Red (82%)
- Green (0%)
- Blue (43%)



- Red (82%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0548, 14.6594, 15.7662 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 29.0548, 14.6594, 15.7662 by changing the saturation by 10% instead.

 29.0548, 14.6594,
15.7662


 29.0548, 14.6594,
15.7662


289.4630,
221.2953, 239.7566


 19.2668, 8.5807,
9.2063


 57.5611, 34.2545,
36.9530


 11.9683, 4.4687,
4.7773


 77.0101, 48.5398,
52.4169

 6.7942, 1.9391,
2.0608


 100.4101, 66.3293,
71.6860

 3.3789, 0.5717,
0.5923

 128.1265, 88.0075,
95.1786

 1.3572, 0.0000,
0.0000

 160.5246,
113.9589, 123.3135

 0.2254, 0.0000,
0.0000

 197.9698,

 0.0000, 0.0000,

144.5677, 156.5091

0.0000

240.8275,
180.2183, 195.1839

■ 29.0548, 14.6594,
15.7662

■ 29.0548, 14.6594,
15.7662

■ 29.0537, 14.6590,
15.7609

■ 29.8914, 15.4214,
18.8546

■ 31.0794, 16.7849,
22.3720

■ 32.7182, 18.9458,
26.3608

■ 34.8623, 22.0103,
30.8480

■ 37.5581, 26.0684,
35.8574

■ 40.8463, 31.1990,
41.4109

■ 44.7638, 37.4731,
47.5286

■ 49.3440, 44.9553,
54.2292

■ 54.6182, 53.7056,
61.5307

Harmonies

Analogous

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



26.6434, 14.6594, 38.7005



29.0548, 14.6594, 15.7662



26.5380, 14.6594, 4.3729

Triad

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



29.0548, 14.6594, 15.7662



8.8559, 14.6594, 1.0298



8.9439, 14.6594, 65.7502

Complementary

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



29.0548, 14.6594, 15.7662



25.1030, 46.5219, 19.7231

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.



6.1268, 14.6594, 39.3171



29.0548, 14.6594, 15.7662



6.0872, 14.6594, 4.5178

Square

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



29.0548, 14.6594, 15.7662



13.8649, 14.6594, 0.3278



5.2532, 14.6594, 16.1586



14.0019, 14.6594, 77.5847

Rectangle

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



29.0548, 14.6594, 15.7662



22.7285, 14.6594, 1.6129



5.2532, 14.6594, 16.1586



7.7622, 14.6594, 57.6430

Sweetspot

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



29.0552, 14.6603, 15.7664



69.9661, 58.3825, 74.1791



16.4981, 7.1762, 60.8371



14.3916, 11.5559, 14.9810



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.



29.0552, 14.6603, 15.7664



45.4714, 22.9526, 24.2123



26.3332, 13.5715, 1.4328



12.0625, 11.9097, 13.6049



17.9639, 9.0584, 9.9819



1.0444, 0.5225, 0.7687

Inverse Universe

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



29.0552, 14.6603, 15.7664



45.4714, 22.9526, 24.2123



33.4657, 49.8670, 63.7600



12.0625, 11.9097, 13.6049



17.9639, 9.0584, 9.9819



1.0444, 0.5225, 0.7687

Previews

White Background



This preview shows how the XYZ color 29.0548, 14.6594, 15.7662 looks on a white background.

Color Contrast Check

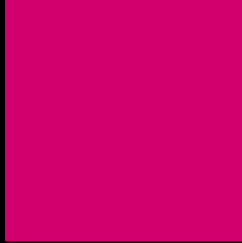
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0548, 14.6594, 15.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

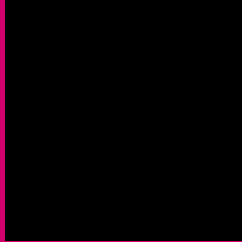
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.0548, 14.6594, 15.7662

Background



This preview shows how black text looks on a background with the XYZ color 29.0548, 14.6594, 15.7662.



This preview shows how white text looks on a background with the XYZ color 29.0548, 14.6594,

15.7662.

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

29.0548, 14.6594, 15.7662

Protanopia

15.8577, 15.2769, 34.0112

Deuteranopia

15.5202, 15.2342, 14.1791



Tritanopia

26.7721, 15.0314, 3.8732

Trichromacy



Original Color

29.0548, 14.6594, 15.7662



Protanomaly

16.7924, 11.1786, 26.0836



Deuteranomaly

17.7818, 11.8636, 14.1847



Tritanomaly

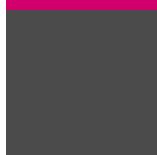
27.1674, 14.4666, 6.8293

Monochromacy



Original Color

29.0548, 14.6594, 15.7662



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.0894, 7.0871, 9.8003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0548, 14.6594, 15.7662 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(209, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 109)  
}
```

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(209, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 109) }
```

Border

The CSS property to change the border of an element to XYZ 29.0548, 14.6594, 15.7662 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(209, 0, 109) }
```


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

```
.border{ border-color:rgb(209, 0, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0548, 14.6594, 15.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 109) }
```

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

```
.background{ background-color: rgb(209, 0,  
109) }
```

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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