

Converting Colors

XYZ(30.5337, 15.4238, 15.7491)

Have a look what the booklet for
XYZ(30.5337, 15.4238, 15.7491)
contains.

XYZ(30.4919, 15.4003, 15.8334)	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(30.4919, 15.4003,
15.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	D6006D
RGB	214, 0, 109
RGB Percent	84%, 0%, 43%
CMY	0.1608, 0.9998, 0.5725
CMYK	0.00, 1.00, 0.49, 0.16
HSL	329°, 100%, 42%
HSV	329°, 100%, 84%
XYZ	30.4919, 15.4003, 15.8334
YIQ	76.4120, 92.5550, 79.2670

Conversions

Conversions Part 2

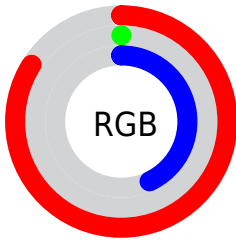
Format	Color
R_{YB}	214, 0, 109
Decimal	14024813
CIE Lab	46.18, 74.28, 2.03
CIE LCh	46, 74.304, 1.566
Yxy	15.4003, 0.4940, 0.2495
Android (android.graphics.Color)	4292214893 (0xFFD6006D)
YUV	76.4120, 16.0659, 120.6647
Hunter-Lab	39.2432, 70.0185, 3.5486

Details

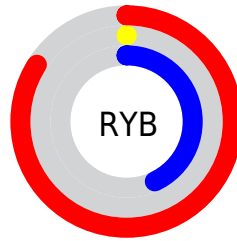
The XYZ color **30.4919, 15.4003, 15.8334** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **26.5992, 49.1142, 21.4547**, and the grayscale version is **6.9092, 7.2690, 7.9159**.

A 20% lighter version of the original color is **51.2413, 31.1104, 36.5619**, and **13.8184, 7.0232, 5.1847** is the 20% darker color. If you saturate the color by 10%, you get **30.4906, 15.3998, 15.8272**, and if you desaturate by 10%, it is **31.3679, 16.1930, 19.0836**.

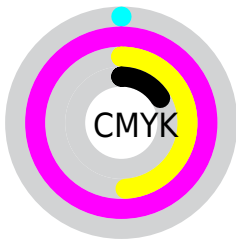
Distribution



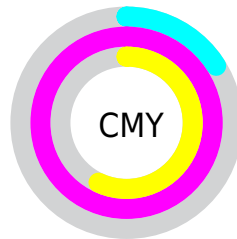
- Red (84%)
- Green (0%)
- Blue (43%)



- Red (84%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4919, 15.4003, 15.8334 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 30.4919, 15.4003, 15.8334 by changing the saturation by 10% instead.

 30.4919, 15.4003,
15.8334


 30.4919, 15.4003,
15.8334


296.0595,
225.7765, 240.1687


 20.3622, 9.1008,
9.2533


 59.8205, 35.5539,
37.0715


 12.7684, 4.8070,
4.8077

 79.7501, 50.1768,
52.5665

 7.3451, 2.1345,
2.0781


 103.6771, 68.3430,
71.8703

 3.7271, 0.6839,
0.6027

 131.9668, 90.4368,
95.4013

 1.5489, 0.0000,
0.0000

 164.9845,
116.8427, 123.5781

 0.3588, 0.0000,
0.0000

 203.0956,

 0.0000, 0.0000,

147.9450, 156.8192

0.0000

246.6655,
184.1281, 195.5432

■ 30.4919, 15.4003,
15.8334

■ 30.4919, 15.4003,
15.8334

■ 30.4906, 15.3998,
15.8272

■ 31.3679, 16.1930,
19.0836

■ 32.6193, 17.6244,
22.8033

■ 34.3498, 19.8990,
27.0377

■ 36.6176, 23.1298,
31.8164

■ 39.4721, 27.4122,
37.1656

■ 42.9565, 32.8298,
43.1091

■ 47.1100, 39.4581,
49.6689

■ 51.9683, 47.3656,
56.8658

■ 57.5646, 56.6158,
64.7192

Harmonies

Analogous

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



28.1656, 15.4003, 39.4518



30.4919, 15.4003, 15.8334



27.6540, 15.4003, 4.3376

Triad

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



30.4919, 15.4003, 15.8334



9.1446, 15.4003, 1.1510



9.5722, 15.4003, 69.9136

Complementary

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



30.4919, 15.4003, 15.8334



26.5992, 49.1142, 21.4547

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.



6.5218, 15.4003, 42.4438



30.4919, 15.4003, 15.8334



6.3296, 15.4003, 5.0428

Square

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



30.4919, 15.4003, 15.8334



14.3073, 15.4003, 0.3734



5.5288, 15.4003, 17.7393



14.9728, 15.4003, 81.3481

Rectangle

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



30.4919, 15.4003, 15.8334



23.5845, 15.4003, 1.6012



5.5288, 15.4003, 17.7393



8.2990, 15.4003, 61.5927

Sweetspot

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



30.4923, 15.4012, 15.8336



69.8440, 58.3337, 73.5362



17.7841, 7.7666, 64.1800



14.3628, 11.5443, 14.8289



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.



30.4923, 15.4012, 15.8336



45.2597, 22.8679, 23.0973



27.7518, 14.3050, 1.4022



12.6845, 12.5253, 14.2789



18.4824, 9.3293, 9.8443



1.1565, 0.5794, 0.8138

Inverse Universe

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



30.4923, 15.4012, 15.8336



45.2597, 22.8679, 23.0973



35.7341, 52.7681, 69.5585



12.6845, 12.5253, 14.2789



18.4824, 9.3293, 9.8443



1.1565, 0.5794, 0.8138

Previews

White Background



This preview shows how the XYZ color 30.4919, 15.4003, 15.8334 looks on a white background.

Color Contrast Check

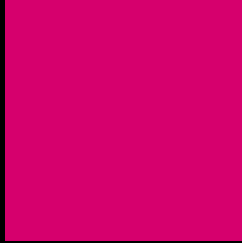
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4919, 15.4003, 15.8334 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 30.4919, 15.4003, 15.8334

Background



This preview shows how black text looks on a background with the XYZ color 30.4919, 15.4003, 15.8334.



This preview shows how white text looks on a background with the XYZ color 30.4919, 15.4003,

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

30.4919, 15.4003, 15.8334

Protanopia

16.5915, 16.1276, 34.1368

Deuteranopia

16.1621, 15.8711, 14.2682



Tritanopia

28.1639, 15.7511, 3.8414

Trichromacy



Original Color

30.4919, 15.4003, 15.8334



Protanomaly

17.7390, 11.8492, 26.1631



Deuteranomaly

18.6159, 12.3826, 14.2409



Tritanomaly

28.5564, 15.1862, 6.7363

Monochromacy



Original Color

30.4919, 15.4003, 15.8334



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.4226, 7.2541, 10.0307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4919, 15.4003, 15.8334 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(214, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.4919, 15.4003, 15.8334 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(214, 0, 109) }
```


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

```
.border{ border-color:rgb(214, 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(214, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4919, 15.4003, 15.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 109) }
```

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

```
.background{ background-color: rgb(214, 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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