

Converting Colors

XYZ(30.5348, 15.5109, 11.8348)

Have a look what the booklet for
XYZ(30.5348, 15.5109, 11.8348)
contains.

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Color

**XYZ(30.5911, 15.5420,
11.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	D9005D
RGB	217, 0, 93
RGB Percent	85%, 0%, 36%
CMY	0.1490, 0.9998, 0.6353
CMYK	0.00, 1.00, 0.57, 0.15
HSL	334°, 100%, 43%
HSV	334°, 100%, 85%
XYZ	30.5911, 15.5420, 11.7435
YIQ	75.4850, 99.4790, 74.9270

Conversions

Conversions Part 2

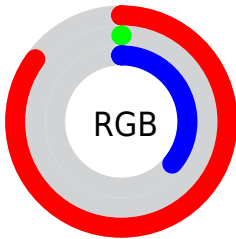
Format	Color
RYB	217, 0, 93
Decimal	14221405
CIELab	46.37, 73.83, 12.33
CIElCh	46, 74.850, 9.481
Yxy	15.5420, 0.5286, 0.2685
Android (android.graphics.Color)	4292411485 (0xFFD9005D)
YUV	75.4850, 8.6349, 124.1087
Hunter-Lab	39.4233, 69.5187, 9.9349

Details

The XYZ color **30.5911, 15.5420, 11.7435** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **28.4542, 51.0822, 27.4432**, and the grayscale version is **6.7520, 7.1037, 7.7359**.

A 20% lighter version of the original color is **49.8541, 30.5555, 29.2568**, and **14.0511, 7.1820, 3.4420** is the 20% darker color. If you saturate the color by 10%, you get **30.5899, 15.5416, 11.7378**, and if you desaturate by 10%, it is **31.4678, 16.3440, 14.9695**.

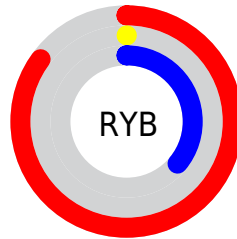
Distribution



Red (85%)

Green (0%)

Blue (36%)



Red (85%)

Yellow (0%)

Blue (36%)

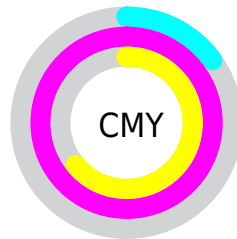


Cyan (0%)

Magenta (100%)

Yellow (57%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5911, 15.5420, 11.7435 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 30.5911, 15.5420, 11.7435 by changing the saturation by 10% instead.


 30.5911, 15.5420,
11.7435


 30.5911, 15.5420,
11.7435

296.5107,
226.6238, 213.6170


 20.4380, 9.2007,
6.4489


 59.9760, 35.8012,
29.6845


 12.8239, 4.8723,
3.0467


 79.9384, 50.4879,
43.1678


 7.3836, 2.1725,
1.1185


 103.9013, 68.7252,
60.2179

 3.7516, 0.7050,
0.0000

 132.2301, 90.8974,
81.2531

 1.5626, 0.0000,
0.0000

 165.2901,
117.3890, 106.6921

 0.3678, 0.0000,
0.0000

 203.4466,

 0.0000, 0.0000,

148.5843, 136.9534

0.0000

247.0650,
184.8678, 172.4555

■ 30.5911, 15.5420,
11.7435

■ 30.5911, 15.5420,
11.7435

■ 30.5899, 15.5416,
11.7378

■ 31.4678, 16.3440,
14.9695

■ 32.7538, 17.8152,
18.7913

■ 34.5570, 20.1661,
23.2633

■ 36.9392, 23.5141,
28.4238

■ 39.9527, 27.9588,
34.3067

■ 43.6438, 33.5872,
40.9434

■ 48.0539, 40.4776,
48.3628

■ 53.2213, 48.7017,
56.5923

■ 59.1812, 58.3255,
65.6576

Harmonies

Analogous

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



29.6039, 15.5420, 32.5772



30.5911, 15.5420, 11.7435



26.4892, 15.5420, 2.9310

Triad

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



30.5911, 15.5420, 11.7435



8.2337, 15.5420, 1.6768



10.8555, 15.5420, 76.2835

Complementary

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



30.5911, 15.5420, 11.7435



28.4542, 51.0822, 27.4432

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.



7.1485, 15.5420, 50.8030



30.5911, 15.5420, 11.7435



5.9675, 15.5420, 7.3123

Square

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



30.5911, 15.5420, 11.7435



12.8315, 15.5420, 0.4277



5.6380, 15.5420, 23.4366



16.8994, 15.5420, 81.1856

Rectangle

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



30.5911, 15.5420, 11.7435



21.9660, 15.5420, 1.0859



5.6380, 15.5420, 23.4366



9.3504, 15.5420, 69.2687

Sweetspot

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



30.5915, 15.5429, 11.7437



69.0527, 58.0172, 69.3692



20.6911, 9.2206, 66.3347



14.1763, 11.4698, 13.8471



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.



30.5915, 15.5429, 11.7437



44.0142, 22.3697, 16.5386



28.7794, 15.0797, 1.3951



13.2865, 13.1437, 14.7697



18.5682, 9.4283, 7.3719



1.2455, 0.6278, 0.7019

Inverse Universe

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



30.5915, 15.5429, 11.7437



44.0142, 22.3697, 16.5386



33.7714, 47.5031, 73.0346



13.2865, 13.1437, 14.7697



18.5682, 9.4283, 7.3719



1.2455, 0.6278, 0.7019

Previews

White Background



This preview shows how the XYZ color 30.5911, 15.5420, 11.7435 looks on a white background.

Color Contrast Check

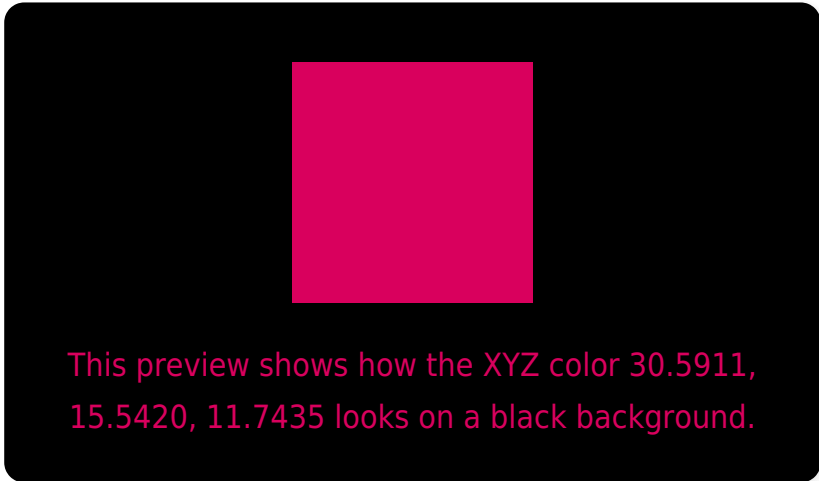
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 30.5911, 15.5420, 11.7435

Background



This preview shows how black text looks on a background with the XYZ color 30.5911, 15.5420, 11.7435.

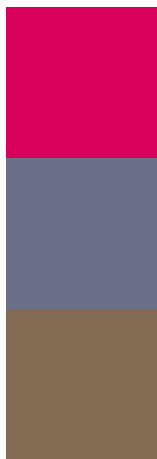


This preview shows how white text looks on a background with the XYZ color 30.5911, 15.5420,

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

30.5911, 15.5420, 11.7435

Protanopia

16.1210, 16.2439, 25.2074

Deuteranopia

16.3736, 16.0610, 10.6246



Tritanopia

29.0043, 15.8976, 3.2089

Trichromacy



Original Color

30.5911, 15.5420, 11.7435



Protanomaly

17.6760, 12.0656, 19.1666



Deuteranomaly

18.8917, 12.6089, 10.4549



Tritanomaly

29.3841, 15.5476, 5.3232

Monochromacy



Original Color

30.5911, 15.5420, 11.7435



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.3323, 7.2351, 8.7819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5911, 15.5420, 11.7435 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(217, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 93)  
}
```

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(217, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 93) }
```

Border

The CSS property to change the border of an element to XYZ 30.5911, 15.5420, 11.7435 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(217, 0, 93) }
```


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

```
.border{ border-color:rgb(217, 0, 93) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.5911, 15.5420, 11.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 93) }
```

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

```
.background{ background-color: rgb(217, 0,  
93) }
```

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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