

Converting Colors

XYZ(14.9853, 6.0418, 76.7575)

Have a look what the booklet for
XYZ(14.9853, 6.0418, 76.7575)
contains.

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Color

**XYZ(14.9915, 6.0458,
76.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	1A00E8
RGB	26, 0, 232
RGB Percent	10%, 0%, 91%
CMY	0.8979, 1.0000, 0.0902
CMYK	0.89, 1.00, 0.00, 0.09
HSL	247°, 100%, 45%
HSV	247°, 100%, 91%
XYZ	14.9915, 6.0458, 76.7207
YIQ	34.2220, -58.9760, 77.6640

Conversions

Conversions Part 2

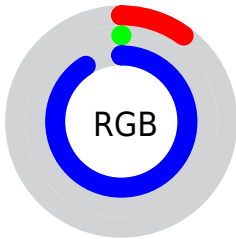
Format	Color
RYB	26, 0, 232
Decimal	1704168
CIELab	29.53, 73.91, -99.47
CIElCh	30, 123.927, 306.613
Yxy	6.0458, 0.1534, 0.0618
Android (android.graphics.Color)	4279894248 (0xFF1A00E8)
YUV	34.2220, 97.5046, -7.2107
Hunter-Lab	24.5882, 65.8026, -167.7863

Details

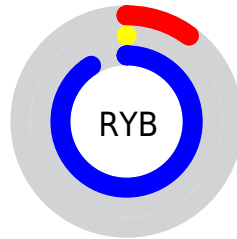
The XYZ color **14.9915, 6.0458, 76.7207** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **54.3017, 70.8308, 10.8097**, and the grayscale version is **1.4700, 1.5465, 1.6842**.

A 20% lighter version of the original color is **27.9239, 15.4693, 96.1219**, and **7.6400, 3.0560, 40.2316** is the 20% darker color. If you saturate the color by 10%, you get **14.9923, 6.0462, 76.7210**, and if you desaturate by 10%, it is **16.0311, 7.0425, 76.8586**.

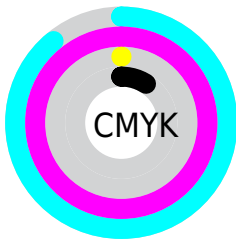
Distribution



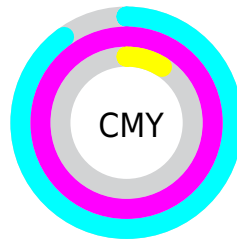
- Red (10%)
- Green (0%)
- Blue (91%)



- Red (10%)
- Yellow (0%)
- Blue (91%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9915, 6.0458, 76.7207 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 14.9915, 6.0458, 76.7207 by changing the saturation by 10% instead.

■ 14.9915, 6.0458,
76.7207

■ 14.9915, 6.0458,
76.7207

216.7042,
159.4815, 503.2236

■ 8.8997, 2.8730,
56.5135

■ 34.4100, 18.0261,
130.5146

■ 4.7324, 1.0658,
40.2080

■ 48.4675, 27.6023,
164.9383

■ 2.1243, 0.0000,
27.3857

■ 65.9109, 40.0818,
204.9379

■ 0.7024, 0.0000,
17.6281

■ 87.1055, 55.8489,
250.9320

■ 0.0000, 0.0000,
10.5167

■ 112.4169, 75.2880,
303.3390

■ 0.0000, 0.0000,
5.6328


■ 142.2102, 98.7836,

■ 0.0000, 0.0000,


362.5776


2.5580


 176.8508,
126.7199, 429.0663


 0.0000, 0.0000,
0.8706

 0.0000, 0.0000,
0.0000


 14.9915, 6.0458,
76.7207


 14.9915, 6.0458,
76.7207

 14.9923, 6.0462,
76.7210

 16.0311, 7.0425,
76.8586

 17.8884, 9.0129,
77.1410

 20.7384, 12.2227,
77.6103

 24.6978, 16.8343,
78.2918

■ 29.8666, 22.9854,
79.2066

■ 36.3337, 30.7968,
80.3735

■ 44.1794, 40.3775,
81.8093

■ 53.4775, 51.8271,
83.5292

■ 64.2967, 65.2377,
85.5475

Harmonies

Analogous

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



7.0934, 6.0458, 111.5144



14.9915, 6.0458, 76.7207



22.6492, 6.0458, 28.3349

Triad

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



14.9915, 6.0458, 76.7207



11.2415, 6.0458, 0.0000



0.1019, 6.0458, 10.8655

Complementary

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



14.9915, 6.0458, 76.7207



54.3017, 70.8308, 10.8097

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.



0.3303, 6.0458, 0.1201



14.9915, 6.0458, 76.7207



4.5817, 6.0458, 0.0000

Square

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



14.9915, 6.0458, 76.7207



19.6628, 6.0458, 0.0000



1.3920, 6.0458, 0.0000



0.6787, 6.0458, 48.1813

Rectangle

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



14.9915, 6.0458, 76.7207



24.9044, 6.0458, 8.6022



1.3920, 6.0458, 0.0000



0.0870, 6.0458, 4.9072

Sweetspot

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



14.9923, 6.0462, 76.7210



54.5840, 49.8355, 101.3501



37.3170, 51.3292, 84.2849



10.7578, 9.5340, 21.5232



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.



14.9923, 6.0462, 76.7210



18.5458, 7.4756, 95.0732



25.2465, 11.3324, 77.2009



13.7322, 13.9642, 18.1159



8.3753, 3.3835, 42.5948



0.6692, 0.2759, 3.1500

Inverse Universe

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



44.4156, 21.6106, 60.2032



55.0208, 26.7723, 74.4988



33.3507, 60.0301, 9.8292



14.9218, 14.5859, 17.7885



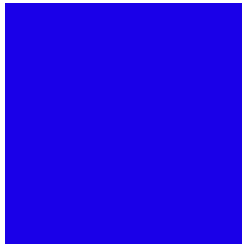
24.6873, 12.0091, 33.5779



1.8443, 0.8954, 2.5864

Previews

White Background



This preview shows how the XYZ color 14.9915, 6.0458, 76.7207 looks on a white background.

Color Contrast Check

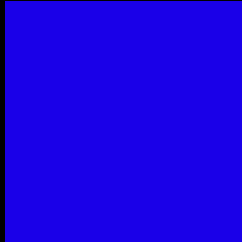
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 14.9915, 6.0458, 76.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

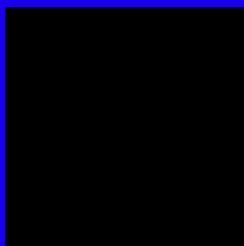
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9915, 6.0458, 76.7207

Background



This preview shows how black text looks on a background with the XYZ color 14.9915, 6.0458, 76.7207.



This preview shows how white text looks on a background with the XYZ color 14.9915, 6.0458,

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

14.9915, 6.0458, 76.7207

Protanopia

7.1622, 6.2699, 27.2183

Deuteranopia

5.8954, 6.1702, 19.2926



Tritanopia

4.3190, 6.2012, 8.9520

Trichromacy



Original Color

14.9915, 6.0458, 76.7207

Protanomaly

8.8498, 4.9940, 41.5718

Deuteranomaly

7.6112, 4.6207, 34.6731

Tritanomaly

5.7686, 4.1454, 24.1630

Monochromacy



Original Color

14.9915, 6.0458, 76.7207

Achromatopsia

1.5204, 1.5996, 1.7420

Achromatomaly

3.4535, 1.9057, 13.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9915, 6.0458, 76.7207 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(26, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(26, 0, 232)  
}
```

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(26, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 0, 232) }
```

Border

The CSS property to change the border of an element to XYZ 14.9915, 6.0458, 76.7207 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(26, 0, 232) }
```


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

```
.border{ border-color:rgb(26, 0, 232) }
```

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

Here you see how a box with a 4 pixel rgb(26, 0, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(26, 0, 232)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9915, 6.0458, 76.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 0, 232) }
```

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

```
.background{ background-color: rgb(26, 0,  
232) }
```

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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