

Converting Colors

XYZ(14.7801, 6.4815, 52.1018)

Have a look what the booklet for
XYZ(14.7801, 6.4815, 52.1018)
contains.

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Color

**XYZ(14.7801, 6.4815,
52.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	6100C3
RGB	97, 0, 195
RGB Percent	38%, 0%, 76%
CMY	0.6196, 1.0000, 0.2353
CMYK	0.50, 1.00, 0.00, 0.24
HSL	270°, 100%, 38%
HSV	270°, 100%, 76%
XYZ	14.7801, 6.4815, 52.1018
YIQ	51.2330, -4.7830, 81.2090

Conversions

Conversions Part 2

Format	Color
R _Y B	97, 0, 195
Decimal	6357187
CIE Lab	30.60, 68.03, -76.09
CIE LCh	31, 102.070, 311.797
Yxy	6.4815, 0.2015, 0.0883
Android (android.graphics.Color)	4284547267 (0xFF6100C3)
YUV	51.2330, 70.8771, 40.1377
Hunter-Lab	25.4588, 59.0753, -103.5167

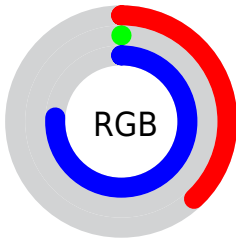
Details

The XYZ color **14.7801, 6.4815, 52.1018** is a dark color, and the websafe version is hex **6600CC**.

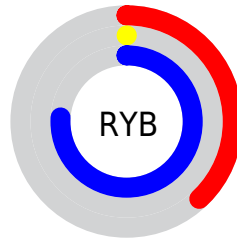
The color can be described as dark washed purple. A complement of this color would be **24.5517, 41.6268, 6.7408**, and the grayscale version is **3.0948, 3.2559, 3.5457**.

A 20% lighter version of the original color is **34.1475, 18.9957, 94.7953**, and **5.0870, 2.0756, 24.9435** is the 20% darker color. If you saturate the color by 10%, you get **14.7806, 6.4818, 52.1020**, and if you desaturate by 10%, it is **16.1317, 7.5367, 52.2344**.

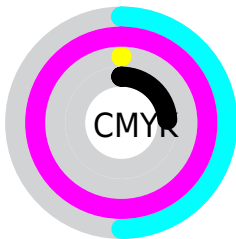
Distribution



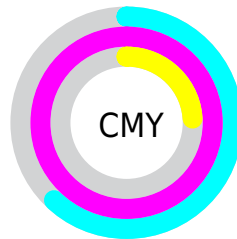
- Red (38%)
- Green (0%)
- Blue (76%)



- Red (38%)
- Yellow (0%)
- Blue (76%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7801, 6.4815, 52.1018 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 14.7801, 6.4815, 52.1018 by changing the saturation by 10% instead.

■ 14.7801, 6.4815,
52.1018

■ 14.7801, 6.4815,
52.1018

215.4462,
163.2831, 411.7976

■ 8.7505, 3.1400,
36.7034

■ 34.0418, 18.9223,
94.7095

■ 4.6346, 1.2053,
24.6840

■ 48.0046, 28.7903,
122.7558

■ 2.0670, 0.0660,
15.6249

■ 65.3425, 41.6027,
155.8553

■ 0.6712, 0.0000,
9.1076

■ 86.4209, 57.7438,
194.4264

■ 0.0000, 0.0000,
4.7137

■ 111.6051, 77.5980,
238.8876


■ 0.0000, 0.0000,
2.0245


■ 141.2605,


■ 0.0000, 0.0000,


101.5496, 289.6575


0.5703

 175.7524,
129.9832, 347.1547

 0.0000, 0.0000,
0.0000


 14.7801, 6.4815,
52.1018


 14.7801, 6.4815,
52.1018


 14.7806, 6.4818,
52.1020

 16.1317, 7.5367,
52.2344

 17.8589, 9.1457,
52.4540

 20.0525, 11.4833,
52.7895

 22.7611, 14.6402,
53.2561

 26.0259, 18.6935,
53.8664

■ 29.8837, 23.7110,
54.6316

■ 34.3676, 29.7537,
55.5616

■ 39.5082, 36.8776,
56.6657

■ 45.3339, 45.1345,
57.9524

Harmonies

Analogous

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



8.2871, 6.4815, 79.7103



14.7801, 6.4815, 52.1018



20.0833, 6.4815, 19.2362

Triad

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



14.7801, 6.4815, 52.1018



9.5849, 6.4815, 0.0000



0.7803, 6.4815, 14.1087

Complementary

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



14.7801, 6.4815, 52.1018



24.5517, 41.6268, 6.7408

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.



0.8524, 6.4815, 1.5482



14.7801, 6.4815, 52.1018



4.4329, 6.4815, 0.0000

Square

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



14.7801, 6.4815, 52.1018



16.1505, 6.4815, 0.0000



1.7815, 6.4815, 0.0000



1.4762, 6.4815, 44.4513

Rectangle

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



14.7801, 6.4815, 52.1018



21.1241, 6.4815, 6.2469



1.7815, 6.4815, 0.0000



0.7289, 6.4815, 7.9348

Sweetspot

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



14.7806, 6.4818, 52.1020



61.1536, 52.7436, 99.4272



14.4798, 13.1991, 53.4144



12.6100, 10.4889, 21.6099



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.



14.7806, 6.4818, 52.1020



26.1850, 11.4609, 93.3019



31.5254, 15.1140, 52.8857



9.9949, 9.9885, 12.6860



9.7034, 4.2627, 33.8680



0.4988, 0.2252, 1.4671

Inverse Universe

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



24.7101, 12.4839, 12.6614



44.1301, 22.3084, 22.0131



19.5559, 39.0513, 6.5070



10.2796, 10.1604, 11.5628



16.1027, 8.1308, 8.4529



0.7305, 0.3652, 0.5484

Previews

White Background



This preview shows how the XYZ color 14.7801, 6.4815, 52.1018 looks on a white background.

Color Contrast Check

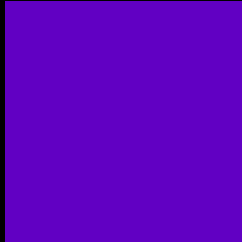
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7801, 6.4815, 52.1018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

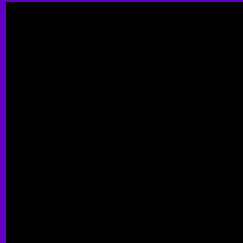
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7801, 6.4815, 52.1018

Background



This preview shows how black text looks on a background with the XYZ color 14.7801, 6.4815, 52.1018.



This preview shows how white text looks on a background with the XYZ color 14.7801, 6.4815,

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

14.7801, 6.4815, 52.1018

Protanopia

7.9033, 6.8691, 30.1875

Tritanopia

6.2874, 6.9019, 8.9835

Trichromacy



Original Color

14.7801, 6.4815, 52.1018

Protanomaly

8.6452, 5.1013, 37.0882

Tritanomaly

7.6927, 5.1217, 19.3220

Monochromacy



Original Color

14.7801, 6.4815, 52.1018

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.3486, 3.2412, 13.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7801, 6.4815, 52.1018 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(97, 0, 195)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 195)  
}
```

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(97, 0, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 195) }
```

Border

The CSS property to change the border of an element to XYZ 14.7801, 6.4815, 52.1018 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(97, 0, 195) }
```

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

```
.border{ border-color:rgb(97, 0, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 0, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(97, 0, 195)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.7801, 6.4815, 52.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 195) }
```

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

```
.background{ background-color: rgb(97, 0,  
195) }
```

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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