

Converting Colors

XYZ(14.1598, 5.9687, 60.7923)

Have a look what the booklet for
XYZ(14.1598, 5.9687, 60.7923)
contains.

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Color

**XYZ(14.1811, 5.9812,
60.7287)**

Conversions

Conversions Part 1

Format	Color
Hex	4800D1
RGB	72, 0, 209
RGB Percent	28%, 0%, 82%
CMY	0.7176, 1.0000, 0.1804
CMYK	0.66, 1.00, 0.00, 0.18
HSL	261°, 100%, 41%
HSV	261°, 100%, 82%
XYZ	14.1811, 5.9812, 60.7287
YIQ	45.3540, -24.1770, 80.2630

Conversions

Conversions Part 2

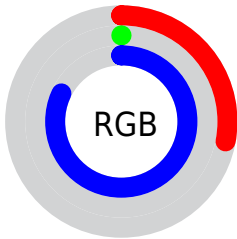
Format	Color
R_{YB}	72, 0, 209
Decimal	4718801
CIE _{Lab}	29.36, 69.65, -86.41
CIE _{LCh}	29, 110.991, 308.870
Yxy	5.9812, 0.1753, 0.0739
Android (android.graphics.Color)	4282908881 (0xFF4800D1)
YUV	45.3540, 80.6775, 23.3685
Hunter-Lab	24.4565, 60.7044, -130.1054

Details

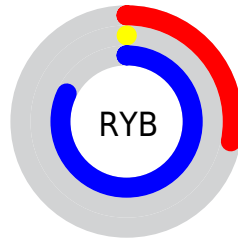
The XYZ color **14.1811, 5.9812, 60.7287** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **33.1160, 50.9189, 8.0829**, and the grayscale version is **2.4531, 2.5808, 2.8105**.

A 20% lighter version of the original color is **30.8876, 17.0893, 96.2783**, and **5.7498, 2.2999, 30.2779** is the 20% darker color. If you saturate the color by 10%, you get **14.1817, 5.9815, 60.7289**, and if you desaturate by 10%, it is **15.5858, 7.1007, 60.8710**.

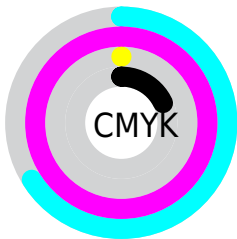
Distribution



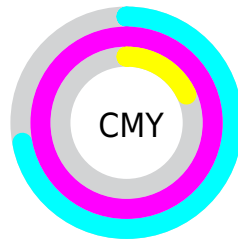
- Red (28%)
- Green (0%)
- Blue (82%)



- Red (28%)
- Yellow (0%)
- Blue (82%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1811, 5.9812, 60.7287 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 14.1811, 5.9812, 60.7287 by changing the saturation by 10% instead.

■ 14.1811, 5.9812,
60.7287

■ 14.1811, 5.9812,
60.7287

211.8427,
158.9077, 445.1575

■ 8.3293, 2.8337,
43.5771

■ 32.9936, 17.8921,
107.4397

■ 4.3599, 1.0455,
30.0034

■ 46.6850, 27.4243,
137.8362

■ 1.9077, 0.0000,
19.5891

■ 63.7203, 39.8534,
173.4848

■ 0.5813, 0.0000,
11.9156

■ 84.4648, 55.5639,
214.8040

■ 0.0000, 0.0000,
6.5644

■ 109.2840, 74.9402,
262.2123


■ 0.0000, 0.0000,
3.1169

■ 138.5431, 98.3667,


■ 0.0000, 0.0000,


316.1283


1.1546

 172.6076,
126.2277, 376.9706

 0.0000, 0.0000,
0.0000


 14.1811, 5.9812,
60.7287


 14.1811, 5.9812,
60.7287


 14.1817, 5.9815,
60.7289

 15.5858, 7.1007,
60.8710

 17.5196, 8.9208,
61.1204

 20.0932, 11.6430,
61.5102

 23.3714, 15.3793,
62.0585

 27.4098, 20.2244,
62.7809

■ 32.2582, 26.2622,
63.6908

■ 37.9616, 33.5681,
64.8003

■ 44.5616, 42.2110,
66.1207

■ 52.0969, 52.2551,
67.6623

Harmonies

Analogous

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



7.3121, 5.9812, 90.2619



14.1811, 5.9812, 60.7287



20.3393, 5.9812, 22.4908

Triad

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



14.1811, 5.9812, 60.7287



9.9374, 5.9812, 0.0000



0.4128, 5.9812, 11.7912

Complementary

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



14.1811, 5.9812, 60.7287



33.1160, 50.9189, 8.0829

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.



0.5626, 5.9812, 0.7424



14.1811, 5.9812, 60.7287



4.3191, 5.9812, 0.0000

Square

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



14.1811, 5.9812, 60.7287



17.0435, 5.9812, 0.0000



1.5169, 5.9812, 0.0000



0.9881, 5.9812, 44.0048

Rectangle

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



14.1811, 5.9812, 60.7287



21.8955, 5.9812, 7.0746



1.5169, 5.9812, 0.0000



0.3809, 5.9812, 5.9810

Sweetspot

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



14.1817, 5.9815, 60.7289



59.2074, 52.2189, 101.5664



20.7897, 23.1655, 63.6975



11.8247, 10.0840, 21.5731



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.



14.1817, 5.9815, 60.7289



22.0608, 9.2877, 95.2377



29.0015, 13.6213, 61.4225



11.5423, 11.6129, 14.8768



8.8399, 3.7374, 37.4480



0.5787, 0.2525, 2.0978

Inverse Universe

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



30.8095, 15.3613, 25.0055



48.2284, 24.0554, 38.7305



23.4881, 45.9555, 7.6324



12.1305, 11.9370, 13.9633



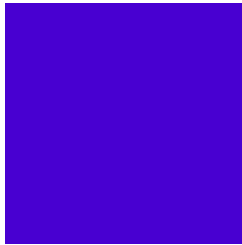
19.0441, 9.4905, 15.6701



1.1014, 0.5453, 1.0686

Previews

White Background



This preview shows how the XYZ color 14.1811, 5.9812, 60.7287 looks on a white background.

Color Contrast Check

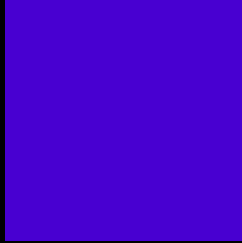
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1811, 5.9812, 60.7287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

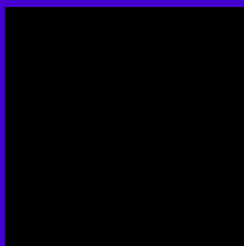
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1811, 5.9812, 60.7287

Background



This preview shows how black text looks on a background with the XYZ color 14.1811, 5.9812, 60.7287.



This preview shows how white text looks on a background with the XYZ color 14.1811, 5.9812,

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

14.1811, 5.9812, 60.7287

Protanopia

7.1622, 6.2699, 27.2183

Deuteranopia

5.9577, 6.1951, 19.6207



Tritanopia

4.3962, 6.2321, 9.3587

Trichromacy



Original Color

14.1811, 5.9812, 60.7287

Protanomaly

8.3946, 4.8481, 37.5391

Deuteranomaly

7.2357, 4.5067, 31.0604

Tritanomaly

5.5291, 4.0858, 21.2661

Monochromacy



Original Color

14.1811, 5.9812, 60.7287

Achromatopsia

2.4942, 2.6241, 2.8577

Achromatomaly

4.5647, 2.7109, 13.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1811, 5.9812, 60.7287 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(72, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(72, 0, 209)  
}
```

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(72, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 209) }
```

Border

The CSS property to change the border of an element to XYZ 14.1811, 5.9812, 60.7287 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(72, 0, 209) }
```


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

```
.border{ border-color:rgb(72, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(72, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(72, 0, 209)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1811, 5.9812, 60.7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 209) }
```

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

```
.background{ background-color: rgb(72, 0,  
209) }
```

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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