

Converting Colors

XYZ(14.9333, 6.5312, 53.4321)

Have a look what the booklet for
XYZ(14.9333, 6.5312, 53.4321)
contains.

XYZ(14.9019, 6.5180, 53.2960)	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(14.9019, 6.5180,
53.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	6000C5
RGB	96, 0, 197
RGB Percent	38%, 0%, 77%
CMY	0.6235, 1.0000, 0.2274
CMYK	0.51, 1.00, 0.00, 0.23
HSL	269°, 100%, 39%
HSV	269°, 100%, 77%
XYZ	14.9019, 6.5180, 53.2960
YIQ	51.1620, -6.0210, 81.6190

Conversions

Conversions Part 2

Format	Color
RYB	96, 0, 197
Decimal	6291653
CIELab	30.68, 68.39, -77.13
CIElCh	31, 103.083, 311.563
Yxy	6.5180, 0.1994, 0.0872
Android (android.graphics.Color)	4284481733 (0xFF6000C5)
YUV	51.1620, 71.8981, 39.3229
Hunter-Lab	25.5304, 59.5110, -105.8997

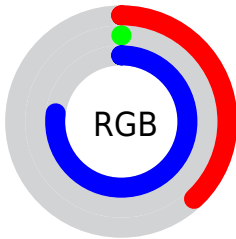
Details

The XYZ color **14.9019, 6.5180, 53.2960** is a dark color, and the websafe version is hex **6600CC**.

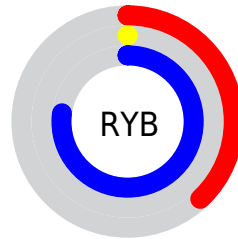
The color can be described as dark washed purple. A complement of this color would be **25.3327, 42.6991, 6.9066**, and the grayscale version is **3.0856, 3.2463, 3.5352**.

A 20% lighter version of the original color is **34.2720, 19.0228, 96.4732**, and **5.1510, 2.0914, 25.7234** is the 20% darker color. If you saturate the color by 10%, you get **14.9024, 6.5183, 53.2962**, and if you desaturate by 10%, it is **16.2792, 7.5916, 53.4308**.

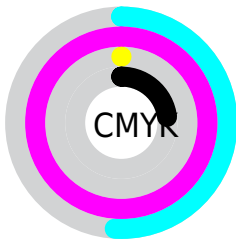
Distribution



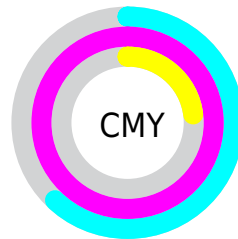
- Red (38%)
- Green (0%)
- Blue (77%)



- Red (38%)
- Yellow (0%)
- Blue (77%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9019, 6.5180, 53.2960 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 14.9019, 6.5180, 53.2960 by changing the saturation by 10% instead.

■ 14.9019, 6.5180,
53.2960

■ 14.9019, 6.5180,
53.2960

216.1718,
163.5964, 416.5182

■ 8.8364, 3.1625,
37.6498

■ 34.2541, 18.9968,
96.4857

■ 4.6909, 1.2172,
25.4113

■ 48.2715, 28.8889,
124.8663

■ 2.0999, 0.0757,
16.1619

■ 65.6702, 41.7286,
158.3288

■ 0.6892, 0.0000,
9.4832

■ 86.8157, 57.9005,
197.2917

■ 0.0000, 0.0000,
4.9566

■ 112.0733, 77.7888,
242.1735


■ 0.0000, 0.0000,
2.1635

■ 141.8082,


■ 0.0000, 0.0000,


101.7779, 293.3929


0.6532

 176.3860,
130.2523, 351.3682

 0.0000, 0.0000,
0.0000


 14.9019, 6.5180,
53.2960


 14.9019, 6.5180,
53.2960


 14.9024, 6.5183,
53.2962

 16.2792, 7.5916,
53.4308

 18.0464, 9.2357,
53.6550

 20.2962, 11.6282,
53.9982

 23.0786, 14.8624,
54.4759

 26.4363, 19.0176,
55.1009

■ 30.4072, 24.1634,
55.8849

■ 35.0256, 30.3626,
56.8380

■ 40.3231, 37.6726,
57.9698

■ 46.3288, 46.1466,
59.2889

Harmonies

Analogous

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



8.3062, 6.5180, 81.3499



14.9019, 6.5180, 53.2960



20.3283, 6.5180, 19.6857

Triad

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



14.9019, 6.5180, 53.2960



9.7206, 6.5180, 0.0000



0.7632, 6.5180, 14.0856

Complementary

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



14.9019, 6.5180, 53.2960



25.3327, 42.6991, 6.9066

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.



0.8413, 6.5180, 1.4946



14.9019, 6.5180, 53.2960



4.4760, 6.5180, 0.0000

Square

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



14.9019, 6.5180, 53.2960



16.3988, 6.5180, 0.0000



1.7821, 6.5180, 0.0000



1.4530, 6.5180, 44.9120

Rectangle

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



14.9019, 6.5180, 53.2960



21.4186, 6.5180, 6.3791



1.7821, 6.5180, 0.0000



0.7131, 6.5180, 7.8668

Sweetspot

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



14.9024, 6.5183, 53.2962



62.3243, 53.8257, 101.7123



14.8082, 13.4915, 54.6471



12.5559, 10.4610, 21.6074



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.



14.9024, 6.5183, 53.2962



26.4012, 11.5252, 95.4408



32.2536, 15.4632, 54.1082



10.5405, 10.5369, 13.3958



9.8977, 4.3367, 35.0598



0.5522, 0.2484, 1.6640

Inverse Universe

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



25.3748, 12.8099, 13.4460



45.3185, 22.8914, 23.4069



20.0074, 39.9538, 6.6574



10.8570, 10.7262, 12.2303



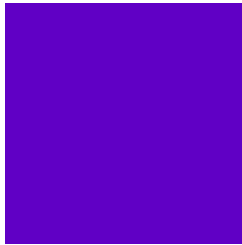
16.7325, 8.4426, 9.0670



0.8288, 0.4144, 0.6216

Previews

White Background



This preview shows how the XYZ color 14.9019, 6.5180, 53.2960 looks on a white background.

Color Contrast Check

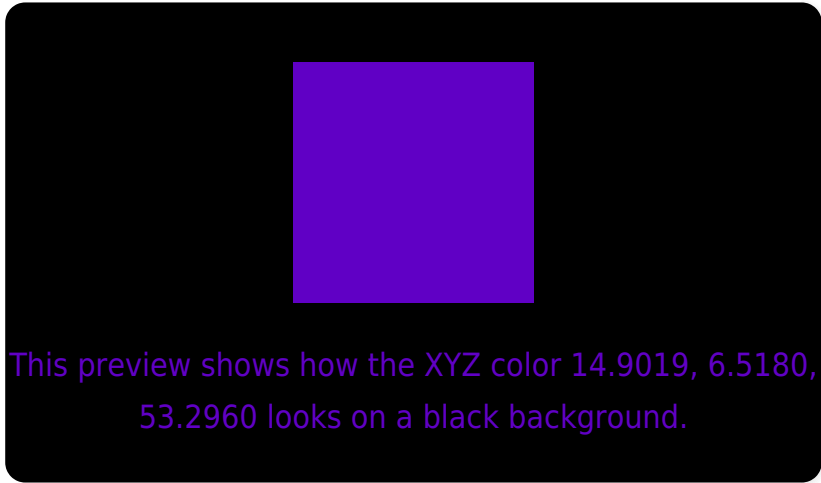
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

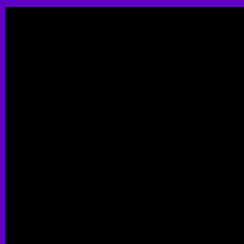
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9019, 6.5180, 53.2960

Background



This preview shows how black text looks on a background with the XYZ color 14.9019, 6.5180, 53.2960.



This preview shows how white text looks on a background with the XYZ color 14.9019, 6.5180,

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

14.9019, 6.5180, 53.2960

Protanopia

7.9033, 6.8691, 30.1875

Deuteranopia

6.6163, 6.8927, 21.7506



Tritanopia

6.2018, 6.9564, 9.1995

Trichromacy



Original Color

14.9019, 6.5180, 53.2960

Protanomaly

8.7380, 5.1385, 37.5771

Deuteranomaly

7.6242, 4.8870, 31.1133

Tritanomaly

7.5604, 5.1077, 19.6562

Monochromacy



Original Color

14.9019, 6.5180, 53.2960

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.3299, 3.2258, 13.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9019, 6.5180, 53.2960 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(96, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(96, 0, 197)  
}
```

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(96, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 197) }
```

Border

The CSS property to change the border of an element to XYZ 14.9019, 6.5180, 53.2960 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(96, 0, 197) }
```


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

```
.border{ border-color:rgb(96, 0, 197) }
```

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

Here you see how a box with a 4 pixel rgb(96, 0, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 197)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9019, 6.5180, 53.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 197) }
```

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

```
.background{ background-color: rgb(96, 0,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor