

Converting Colors

XYZ(14.3441, 6.1356, 57.5550)

Have a look what the booklet for
XYZ(14.3441, 6.1356, 57.5550)
contains.

XYZ(14.3788, 6.1535, 57.5566)	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(14.3788, 6.1535,
57.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	5200CC
RGB	82, 0, 204
RGB Percent	32%, 0%, 80%
CMY	0.6784, 1.0000, 0.2000
CMYK	0.60, 1.00, 0.00, 0.20
HSL	264°, 100%, 40%
HSV	264°, 100%, 80%
XYZ	14.3788, 6.1535, 57.5566
YIQ	47.7740, -16.6120, 80.8280

Conversions

Conversions Part 2

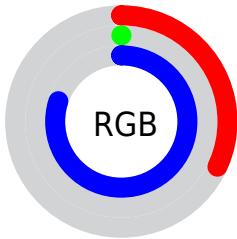
Format	Color
R_{YB}	82, 0, 204
Decimal	5374156
CIE _{Lab}	29.80, 69.02, -82.75
CIE _{LCh}	30, 107.758, 309.830
Yxy	6.1535, 0.1841, 0.0788
Android (android.graphics.Color)	4283564236 (0xFF5200CC)
YUV	47.7740, 77.0194, 30.0162
Hunter-Lab	24.8062, 60.0556, -120.2030

Details

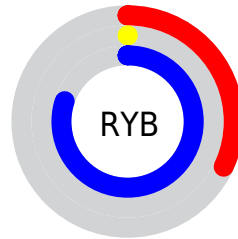
The XYZ color **14.3788, 6.1535, 57.5566** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **29.6180, 47.3230, 7.5732**, and the grayscale version is **2.7064, 2.8473, 3.1007**.

A 20% lighter version of the original color is **32.0942, 17.7113, 96.3348**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **14.3794, 6.1538, 57.5568**, and if you desaturate by 10%, it is **15.7937, 7.2648, 57.6967**.

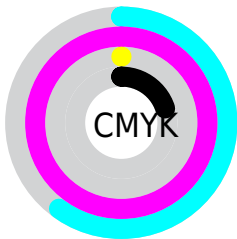
Distribution



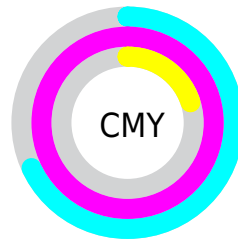
- Red (32%)
- Green (0%)
- Blue (80%)



- Red (32%)
- Yellow (0%)
- Blue (80%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3788, 6.1535, 57.5566 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 14.3788, 6.1535, 57.5566 by changing the saturation by 10% instead.

■ 14.3788, 6.1535,
57.5566

■ 14.3788, 6.1535,
57.5566

213.0386,
160.4322, 433.0837

■ 8.4681, 2.9386,
41.0399

■ 33.3403, 18.2488,
102.7853

■ 4.4502, 1.0998,
28.0304

■ 47.1218, 27.8980,
132.3344

■ 1.9598, 0.0000,
18.1093

■ 64.2576, 40.4608,
167.0647

■ 0.6113, 0.0000,
10.8582

■ 85.1131, 56.3216,
207.3948

■ 0.0000, 0.0000,
5.8586

■ 110.0536, 75.8647,
253.7432

■ 0.0000, 0.0000,
2.6919

■ 139.4444, 99.4746,

■ 0.0000, 0.0000,

306.5285

0.9394

 173.6509,
127.5356, 366.1691

 0.0000, 0.0000,
0.0000


 14.3788, 6.1535,
57.5566


 14.3788, 6.1535,
57.5566


 14.3794, 6.1538,
57.5568

 15.7937, 7.2648,
57.6967

 17.6773, 9.0208,
57.9364

 20.1322, 11.6126,
58.3073

 23.2161, 15.1438,
58.8263

 26.9788, 19.7024,
59.5079

■ 31.4644, 25.3658,
60.3647

■ 36.7131, 32.2040,
61.4079

■ 42.7616, 40.2807,
62.6481

■ 49.6445, 49.6553,
64.0948

Harmonies

Analogous

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



7.6411, 6.1535, 86.3648



14.3788, 6.1535, 57.5566



20.2335, 6.1535, 21.3076

Triad

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



14.3788, 6.1535, 57.5566



9.8120, 6.1535, 0.0000



0.5433, 6.1535, 12.5593

Complementary

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



14.3788, 6.1535, 57.5566



29.6180, 47.3230, 7.5732

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.



0.6660, 6.1535, 0.9943



14.3788, 6.1535, 57.5566



4.3611, 6.1535, 0.0000

Square

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



14.3788, 6.1535, 57.5566



16.7188, 6.1535, 0.0000



1.6088, 6.1535, 0.0000



1.1458, 6.1535, 44.1037

Rectangle

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



14.3788, 6.1535, 57.5566



21.6070, 6.1535, 6.7818



1.6088, 6.1535, 0.0000



0.5047, 6.1535, 6.6191

Sweetspot

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



14.3794, 6.1538, 57.5568



60.4361, 52.8523, 101.6239



17.9079, 18.3772, 59.7302



12.1119, 10.2321, 21.5866



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.



14.3794, 6.1538, 57.5568



23.5873, 10.0746, 95.3091



30.5706, 14.5007, 58.3146



11.0215, 11.0604, 14.1243



9.1495, 3.9243, 36.2315



0.5571, 0.2463, 1.8731

Inverse Universe

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



28.4144, 14.2424, 19.6617



46.9479, 23.5431, 31.9872



21.8896, 43.3388, 7.2115



11.4892, 11.3244, 13.1107



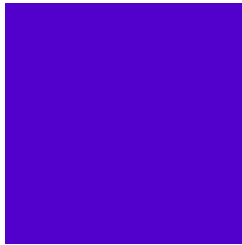
17.9314, 8.9831, 12.6232



0.9620, 0.4782, 0.8456

Previews

White Background



This preview shows how the XYZ color 14.3788, 6.1535, 57.5566 looks on a white background.

Color Contrast Check

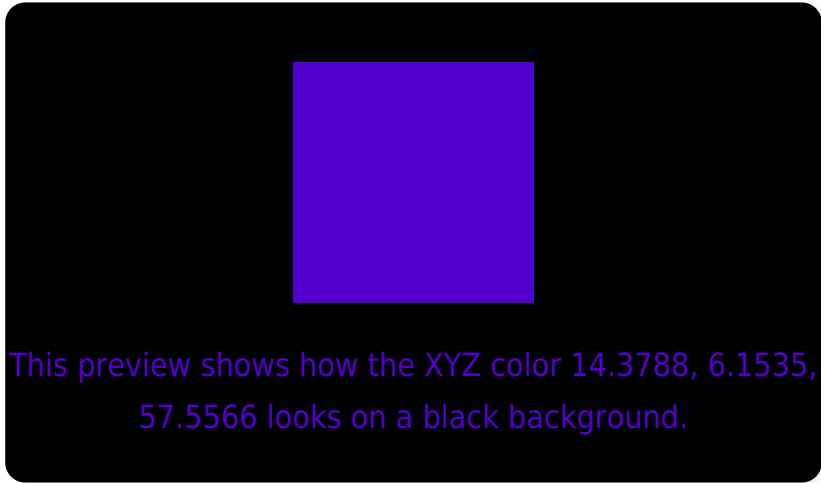
Large Text (above 18pt) WCAG AA ✓ Pass

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

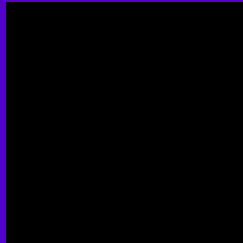
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3788, 6.1535, 57.5566

Background



This preview shows how black text looks on a background with the XYZ color 14.3788, 6.1535, 57.5566.



This preview shows how white text looks on a background with the XYZ color 14.3788, 6.1535,

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

14.3788, 6.1535, 57.5566

Protanopia

7.4566, 6.4869, 28.4629

Deuteranopia

6.1505, 6.3782, 20.3090



Tritanopia

4.8766, 6.4705, 9.7960

Trichromacy



Original Color

14.3788, 6.1535, 57.5566

Protanomaly

8.5417, 4.9799, 37.5568

Deuteranomaly

7.3847, 4.6421, 31.0787

Tritanomaly

6.2298, 4.4470, 21.2989

Monochromacy



Original Color

14.3788, 6.1535, 57.5566

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.9033, 2.9606, 13.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3788, 6.1535, 57.5566 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(82, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 0, 204)  
}
```

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(82, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 14.3788, 6.1535, 57.5566 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(82, 0, 204) }
```


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

```
.border{ border-color:rgb(82, 0, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 0, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 0, 204)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3788, 6.1535, 57.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 0, 204) }
```

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

```
.background{ background-color: rgb(82, 0,  
204) }
```

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