

Converting Colors

XYZ(14.0772, 6.3524, 41.5325)

Have a look what the booklet for
XYZ(14.0772, 6.3524, 41.5325)
contains.

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Color

**XYZ(14.1431, 6.3858,
41.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	6D00B0
RGB	109, 0, 176
RGB Percent	43%, 0%, 69%
CMY	0.5725, 1.0000, 0.3098
CMYK	0.38, 1.00, 0.00, 0.31
HSL	277°, 100%, 35%
HSV	277°, 100%, 69%
XYZ	14.1431, 6.3858, 41.5615
YIQ	52.6550, 8.4680, 77.8440

Conversions

Conversions Part 2

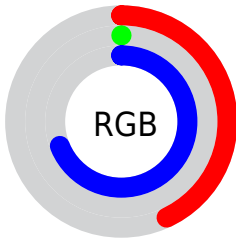
Format	Color
R_{YB}	109, 0, 176
Decimal	7143600
CIE _{Lab}	30.37, 65.10, -65.14
CIE _{LCh}	30, 92.095, 314.984
Yxy	6.3858, 0.2278, 0.1028
Android (android.graphics.Color)	4285333680 (0xFF6D00B0)
YUV	52.6550, 60.8091, 49.4146
Hunter-Lab	25.2701, 55.6795, -79.8245

Details

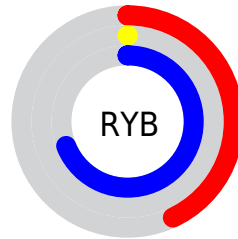
The XYZ color **14.1431, 6.3858, 41.5615** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.8401, 32.2441, 5.2835**, and the grayscale version is **3.2713, 3.4417, 3.7480**.

A 20% lighter version of the original color is **32.9617, 18.7334, 78.9694**, and **4.7795, 2.0581, 18.5577** is the 20% darker color. If you saturate the color by 10%, you get **14.1434, 6.3859, 41.5617**, and if you desaturate by 10%, it is **15.2093, 7.2470, 41.6717**.

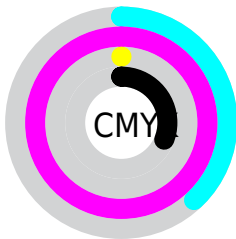
Distribution



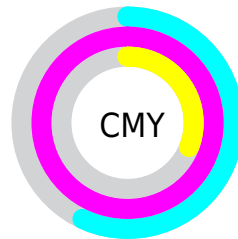
- Red (43%)
- Green (0%)
- Blue (69%)



- Red (43%)
- Yellow (0%)
- Blue (69%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1431, 6.3858, 41.5615 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 14.1431, 6.3858, 41.5615 by changing the saturation by 10% instead.

■ 14.1431, 6.3858,
41.5615

■ 14.1431, 6.3858,
41.5615

211.6121,
162.4580, 368.4079

■ 8.3026, 3.0811,
28.4351

■ 32.9269, 18.7265,
78.7984

■ 4.3426, 1.1742,
18.4120

■ 46.6009, 28.5312,
103.7461

■ 1.8977, 0.0405,
11.0737

■ 63.6168, 41.2714,
133.4712

■ 0.5755, 0.0000,
6.0016

■ 84.3399, 57.3314,
168.3923

■ 0.0000, 0.0000,
2.7773

■ 109.1357, 77.0957,
208.9280


■ 0.0000, 0.0000,
0.9821


■ 138.3694,


■ 0.0000, 0.0000,


100.9487, 255.4968

0.0000

 172.4064,
129.2746, 308.5172


 14.1431, 6.3858,
41.5615


 14.1431, 6.3858,
41.5615


 14.1434, 6.3859,
41.5617

 15.2093, 7.2470,
41.6717

 16.5266, 8.5155,
41.8471

 18.1693, 10.3378,
42.1123

 20.1730, 12.7830,
42.4786

 22.5679, 15.9095,
42.9559

■ 25.3808, 19.7692,
43.5526

■ 28.6357, 24.4086,
44.2766

■ 32.3549, 29.8704,
45.1348

■ 36.5588, 36.1939,
46.1338

Harmonies

Analogous

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



8.5077, 6.3858, 65.5832



14.1431, 6.3858, 41.5615



18.3160, 6.3858, 15.2223

Triad

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



14.1431, 6.3858, 41.5615



8.5133, 6.3858, 0.0000



1.0368, 6.3858, 15.2006

Complementary

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



14.1431, 6.3858, 41.5615



17.8401, 32.2441, 5.2835

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.



1.0372, 6.3858, 2.4005



14.1431, 6.3858, 41.5615



4.1483, 6.3858, 0.0000

Square

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



14.1431, 6.3858, 41.5615



14.1489, 6.3858, 0.0000



1.8604, 6.3858, 0.0000



1.8589, 6.3858, 41.5305

Rectangle

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



14.1431, 6.3858, 41.5615



18.8532, 6.3858, 5.0673



1.8604, 6.3858, 0.0000



0.9607, 6.3858, 9.2568

Sweetspot

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



14.1435, 6.3860, 41.5617



51.6044, 43.7901, 80.2278



9.8716, 7.2047, 41.9449



10.6400, 8.7092, 17.2646



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1435, 6.3860, 41.5617



25.3914, 11.4479, 75.3667



23.8603, 11.6125, 32.2003



8.5304, 8.4819, 10.6939



10.4439, 4.7198, 30.4976



0.3911, 0.1807, 0.9625

Inverse Universe

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



18.9177, 9.6354, 6.1728



34.2081, 17.4345, 10.6573



15.6565, 31.1033, 5.8654



8.6258, 8.5570, 9.5277



13.9068, 7.0803, 4.6691



0.4665, 0.2344, 0.2994

Previews

White Background



This preview shows how the XYZ color 14.1431, 6.3858, 41.5615 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

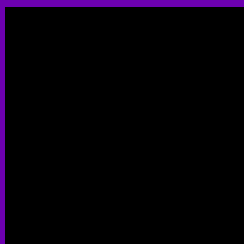
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1431, 6.3858, 41.5615

Background



This preview shows how black text looks on a background with the XYZ color 14.1431, 6.3858, 41.5615.



This preview shows how white text looks on a background with the XYZ color 14.1431, 6.3858,

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

14.1431, 6.3858, 41.5615

Protanopia

7.9033, 6.8691, 30.1875

Deuteranopia

6.6137, 6.7806, 22.0793



Tritanopia

7.3887, 6.8254, 7.4066

Trichromacy



Original Color

14.1431, 6.3858, 41.5615

Protanomaly

8.1972, 4.9432, 33.7798

Deuteranomaly

7.1985, 4.6716, 28.1261

Tritanomaly

8.5938, 5.4359, 15.6352

Monochromacy



Original Color

14.1431, 6.3858, 41.5615

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.5243, 3.4424, 11.9286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1431, 6.3858, 41.5615 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(109, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 176)  
}
```

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(109, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 176) }
```

Border

The CSS property to change the border of an element to XYZ 14.1431, 6.3858, 41.5615 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(109, 0, 176) }
```


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

```
.border{ border-color:rgb(109, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1431, 6.3858, 41.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 176) }
```

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

```
.background{ background-color: rgb(109, 0,  
176) }
```

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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