

Converting Colors

XYZ(14.7486, 6.6985, 41.5640)

Have a look what the booklet for
XYZ(14.7486, 6.6985, 41.5640)
contains.

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Color

**XYZ(14.7759, 6.7120,
41.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	7200B0
RGB	114, 0, 176
RGB Percent	45%, 0%, 69%
CMY	0.5529, 1.0000, 0.3098
CMYK	0.35, 1.00, 0.00, 0.31
HSL	279°, 100%, 35%
HSV	279°, 100%, 69%
XYZ	14.7759, 6.7120, 41.5911
YIQ	54.1500, 11.4480, 78.9040

Conversions

Conversions Part 2

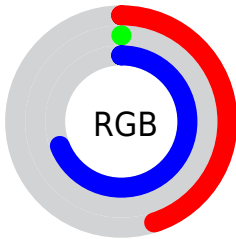
Format	Color
RYB	114, 0, 176
Decimal	7471280
CIELab	31.14, 65.65, -63.83
CIELCh	31, 91.569, 315.803
Yxy	6.7120, 0.2342, 0.1064
Android (android.graphics.Color)	4285661360 (0xFF7200B0)
YUV	54.1500, 60.0720, 52.4885
Hunter-Lab	25.9075, 56.4661, -77.0470

Details

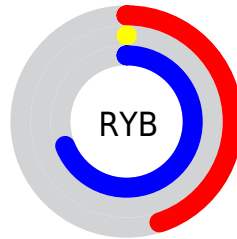
The XYZ color **14.7759, 6.7120, 41.5911** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.5119, 32.0749, 5.2681**, and the grayscale version is **3.4523, 3.6321, 3.9554**.

A 20% lighter version of the original color is **34.1038, 19.4189, 79.0416**, and **5.0884, 2.2174, 18.5722** is the 20% darker color. If you saturate the color by 10%, you get **14.7762, 6.7122, 41.5913**, and if you desaturate by 10%, it is **15.8202, 7.5620, 41.7003**.

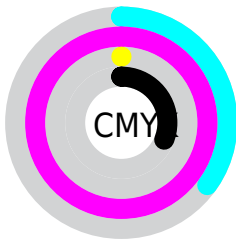
Distribution



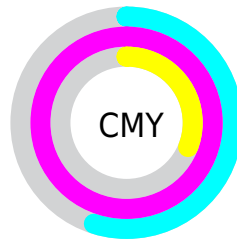
- Red (45%)
- Green (0%)
- Blue (69%)



- Red (45%)
- Yellow (0%)
- Blue (69%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (100%)
- Yellow (31%)
- Black (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7759, 6.7120, 41.5911 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 14.7759, 6.7120, 41.5911 by changing the saturation by 10% instead.

■ 14.7759, 6.7120,
41.5911

■ 14.7759, 6.7120,
41.5911

215.4211,
165.2487, 368.5346

■ 8.7475, 3.2826,
28.4581

■ 34.0345, 19.3914,
78.8438

■ 4.6327, 1.2810,
18.4292

■ 47.9954, 29.4103,
103.8005

■ 2.0659, 0.1264,
11.0860

■ 65.3312, 42.3945,
133.5356

■ 0.6706, 0.0000,
6.0098

■ 86.4072, 58.7284,
168.4675

■ 0.0000, 0.0000,
2.7821

■ 111.5889, 78.7964,
209.0148


■ 0.0000, 0.0000,
0.9845


■ 141.2416,


■ 0.0000, 0.0000,

102.9828, 255.5961

0.0000


 175.7305,
131.6721, 308.6299

 14.7759, 6.7120,
41.5911


 14.7759, 6.7120,
41.5911

 14.7762, 6.7122,
41.5913

 15.8202, 7.5620,
41.7003

 17.1071, 8.8148,
41.8743

 18.7107, 10.6169,
42.1376

 20.6663, 13.0372,
42.5017

 23.0037, 16.1341,
42.9763

■ 25.7495, 19.9593,
43.5699

■ 28.9275, 24.5590,
44.2902

■ 32.5598, 29.9759,
45.1443

■ 36.6665, 36.2493,
46.1388

Harmonies

Analogous

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



9.0284, 6.7120, 66.1473



14.7759, 6.7120, 41.5911



18.9255, 6.7120, 15.1939

Triad

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



14.7759, 6.7120, 41.5911



8.7371, 6.7120, 0.0000



1.1592, 6.7120, 16.3099

Complementary

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



14.7759, 6.7120, 41.5911



17.5119, 32.0749, 5.2681

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.



1.1392, 6.7120, 2.7701



14.7759, 6.7120, 41.5911



4.3072, 6.7120, 0.0000

Square

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



14.7759, 6.7120, 41.5911



14.4786, 6.7120, 0.0000



1.9788, 6.7120, 0.0000



2.0582, 6.7120, 43.1719

Rectangle

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



14.7759, 6.7120, 41.5911



19.3817, 6.7120, 5.0844



1.9788, 6.7120, 0.0000



1.0711, 6.7120, 10.1011

Sweetspot

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



14.7763, 6.7122, 41.5913



52.1416, 44.0670, 80.2529



9.7002, 6.8619, 41.8877



10.7692, 8.7758, 17.2706



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.



14.7763, 6.7122, 41.5913



26.5446, 12.0424, 75.4207



23.6159, 11.5147, 30.9134



8.5537, 8.4940, 10.6950



10.9067, 4.9584, 30.5192



0.4035, 0.1871, 0.9631

Inverse Universe

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



18.7741, 9.5780, 5.4165



33.9522, 17.3321, 9.3099



15.6848, 31.1146, 6.0144



8.6159, 8.5531, 9.4757



13.8003, 7.0377, 4.1083



0.4626, 0.2328, 0.2785

Previews

White Background



This preview shows how the XYZ color 14.7759, 6.7120, 41.5911 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 14.7759, 6.7120, 41.5911

Background



This preview shows how black text looks on a background with the XYZ color 14.7759, 6.7120, 41.5911.



This preview shows how white text looks on a background with the XYZ color 14.7759, 6.7120,

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

14.7759, 6.7120, 41.5911

Protanopia

8.2153, 7.0982, 31.5089

Deuteranopia

6.9580, 7.1422, 23.2022



Tritanopia

8.0835, 7.1836, 7.4391

Trichromacy



Original Color

14.7759, 6.7120, 41.5911

Protanomaly

8.4130, 5.0340, 34.7107

Deuteranomaly

7.4799, 4.9225, 28.9897

Tritanomaly

9.2494, 5.7738, 15.6659

Monochromacy



Original Color

14.7759, 6.7120, 41.5911

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.7571, 3.5624, 11.9395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7759, 6.7120, 41.5911 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(114, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(114, 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(114, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 176) }
```

Border

The CSS property to change the border of an element to XYZ 14.7759, 6.7120, 41.5911 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(114, 0, 176) }
```


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

```
.border{ border-color:rgb(114, 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(114, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(114, 0,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7759, 6.7120, 41.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 176) }
```

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

```
.background{ background-color: rgb(114, 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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