

Converting Colors

XYZ(14.6278, 6.6068, 42.8874)

Have a look what the booklet for
XYZ(14.6278, 6.6068, 42.8874)
contains.

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Color

**XYZ(14.6922, 6.6342,
43.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	6F00B3
RGB	111, 0, 179
RGB Percent	44%, 0%, 70%
CMY	0.5647, 1.0000, 0.2980
CMYK	0.38, 1.00, 0.00, 0.30
HSL	277°, 100%, 35%
HSV	277°, 100%, 70%
XYZ	14.6922, 6.6342, 43.1540
YIQ	53.5950, 8.6970, 79.2010

Conversions

Conversions Part 2

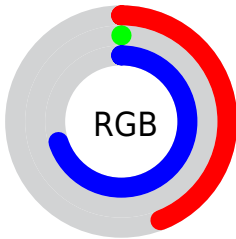
Format	Color
R_{YB}	111, 0, 179
Decimal	7274675
CIE _{Lab}	30.96, 65.93, -65.95
CIE _{LCh}	31, 93.250, 314.993
Yxy	6.6342, 0.2279, 0.1029
Android (android.graphics.Color)	4285464755 (0xFF6F00B3)
YUV	53.5950, 61.8247, 50.3442
Hunter-Lab	25.7569, 56.7448, -81.3065

Details

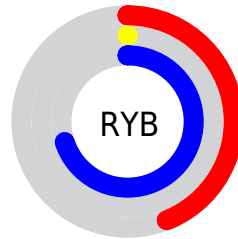
The XYZ color **14.6922, 6.6342, 43.1540** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **18.5040, 33.4693, 5.4850**, and the grayscale version is **3.3829, 3.5591, 3.8758**.

A 20% lighter version of the original color is **33.8851, 19.2562, 81.2878**, and **5.0669, 2.1845, 19.5566** is the 20% darker color. If you saturate the color by 10%, you get **14.6925, 6.6343, 43.1542**, and if you desaturate by 10%, it is **15.7958, 7.5219, 43.2673**.

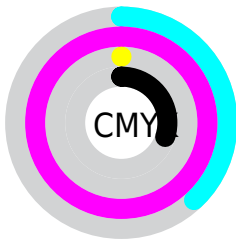
Distribution



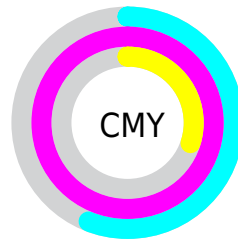
- Red (44%)
- Green (0%)
- Blue (70%)



- Red (44%)
- Yellow (0%)
- Blue (70%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6922, 6.6342, 43.1540 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 14.6922, 6.6342, 43.1540 by changing the saturation by 10% instead.

14.6922, 6.6342,
43.1540

14.6922, 6.6342,
43.1540

214.9211,
164.5886, 375.1845

8.6886, 3.2344,
29.6737

33.8884, 19.2334,
81.2320

4.5941, 1.2553,
19.3411

47.8117, 29.2017,
106.6668

2.0434, 0.1062,
11.7377

65.1055, 42.1282,
136.9235

0.6582, 0.0000,
6.4450

86.1353, 58.3974,
172.4207

0.0000, 0.0000,
3.0444

111.2664, 78.3936,
213.5768


0.0000, 0.0000,
1.1173

140.8642,

0.0000, 0.0000,

102.5013, 260.8105

0.0000

 175.2939,
131.1048, 314.5402


 14.6922, 6.6342,
43.1540


 14.6922, 6.6342,
43.1540


 14.6925, 6.6343,
43.1542

 15.7958, 7.5219,
43.2673

 17.1611, 8.8346,
43.4487

 18.8645, 10.7228,
43.7234

 20.9431, 13.2586,
44.1033

 23.4284, 16.5032,
44.5986

■ 26.3482, 20.5103,
45.2182

■ 29.7278, 25.3287,
45.9701

■ 33.5902, 31.0027,
46.8617

■ 37.9568, 37.5735,
47.8999

Harmonies

Analogous

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



8.8396, 6.6342, 68.1021



14.6922, 6.6342, 43.1540



19.0247, 6.6342, 15.8051

Triad

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



14.6922, 6.6342, 43.1540



8.8421, 6.6342, 0.0000



1.0779, 6.6342, 15.7956

Complementary

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



14.6922, 6.6342, 43.1540



18.5040, 33.4693, 5.4850

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.



1.0780, 6.6342, 2.4966



14.6922, 6.6342, 43.1540



4.3090, 6.6342, 0.0000

Square

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



14.6922, 6.6342, 43.1540



14.6947, 6.6342, 0.0000



1.9330, 6.6342, 0.0000



1.9324, 6.6342, 43.1404

Rectangle

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



14.6922, 6.6342, 43.1540



19.5816, 6.6342, 5.2616



1.9330, 6.6342, 0.0000



0.9987, 6.6342, 9.6210

Sweetspot

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



14.6926, 6.6344, 43.1542



52.9137, 44.8885, 82.2567



10.2414, 7.4641, 43.5489



11.1453, 9.1150, 18.0942



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



14.6926, 6.6344, 43.1542



26.0566, 11.7493, 77.2757



24.7721, 12.0564, 33.4221



8.5310, 8.4823, 10.6939



10.4565, 4.7263, 30.4981



0.3914, 0.1809, 0.9625

Inverse Universe

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



19.6339, 10.0011, 6.3643



35.0627, 17.8713, 10.8668



16.2545, 32.2941, 6.0806



8.6255, 8.5569, 9.5262



13.9037, 7.0790, 4.6528



0.4664, 0.2343, 0.2988

Previews

White Background



This preview shows how the XYZ color 14.6922, 6.6342, 43.1540 looks on a white background.

Color Contrast Check

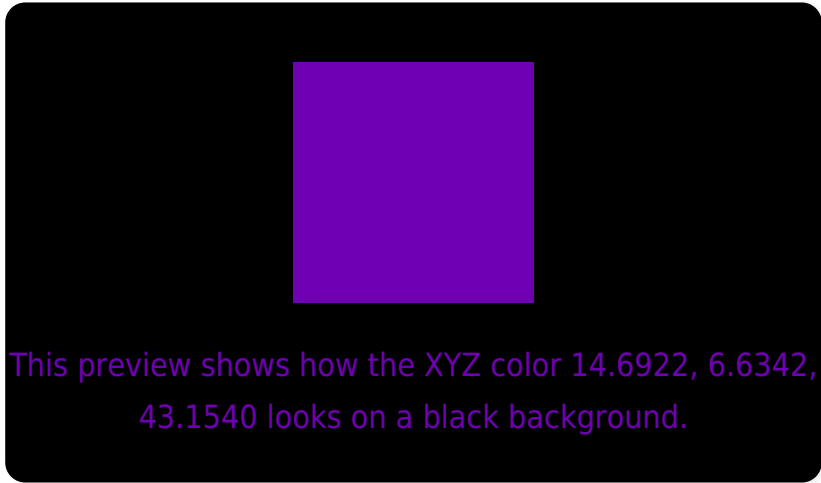
Large Text (above 18pt) WCAG AA ✓ Pass

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

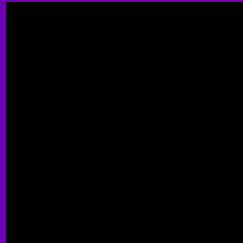
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6922, 6.6342, 43.1540

Background



This preview shows how black text looks on a background with the XYZ color 14.6922, 6.6342, 43.1540.



This preview shows how white text looks on a background with the XYZ color 14.6922, 6.6342,

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

14.6922, 6.6342, 43.1540

Protanopia

8.1323, 7.0650, 31.0721

Deuteranopia

6.8892, 7.1147, 22.8400



Tritanopia

7.6766, 7.0620, 7.6151

Trichromacy



Original Color

14.6922, 6.6342, 43.1540

Protanomaly

8.3737, 5.0137, 34.7088

Deuteranomaly

7.4405, 4.9022, 28.9878

Tritanomaly

8.9560, 5.6657, 16.2443

Monochromacy



Original Color

14.6922, 6.6342, 43.1540

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.7258, 3.5408, 12.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6922, 6.6342, 43.1540 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(111, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(111, 0, 179)  
}
```

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(111, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 179) }
```

Border

The CSS property to change the border of an element to XYZ 14.6922, 6.6342, 43.1540 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(111, 0, 179) }
```


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

```
.border{ border-color:rgb(111, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(111, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(111, 0,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6922, 6.6342, 43.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 179) }
```

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

```
.background{ background-color: rgb(111, 0,  
179) }
```

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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