

Converting Colors

XYZ(14.9423, 7.6678, 44.6461)

Have a look what the booklet for
XYZ(14.9423, 7.6678, 44.6461)
contains.

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Color

**XYZ(14.9152, 7.6621,
44.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	6A24B5
RGB	106, 36, 181
RGB Percent	42%, 14%, 71%
CMY	0.5843, 0.8588, 0.2902
CMYK	0.41, 0.80, 0.00, 0.29
HSL	269°, 67%, 43%
HSV	269°, 80%, 71%
XYZ	14.9152, 7.6621, 44.4089
YIQ	73.4600, -4.8250, 59.9350

Conversions

Conversions Part 2

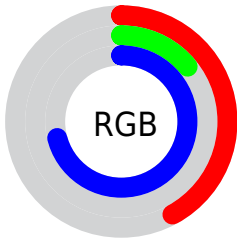
Format	Color
R _Y B	106, 36, 181
Decimal	6956213
CIE Lab	33.27, 57.32, -63.37
CIE LCh	33, 85.454, 312.131
Yxy	7.6621, 0.2227, 0.1144
Android (android.graphics.Color)	4285146293 (0xFF6A24B5)
YUV	73.4600, 53.0172, 28.5376
Hunter-Lab	27.6805, 47.7410, -75.7449

Details

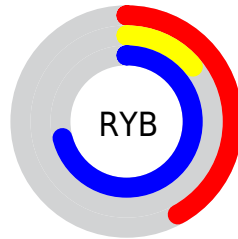
The XYZ color **14.9152, 7.6621, 44.4089** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **23.3976, 36.5546, 7.4916**, and the grayscale version is **6.3242, 6.6536, 7.2458**.

A 20% lighter version of the original color is **34.3986, 21.3779, 83.2023**, and **4.9575, 2.1131, 20.2253** is the 20% darker color. If you saturate the color by 10%, you get **13.4469, 6.2873, 44.2211**, and if you desaturate by 10%, it is **16.7827, 9.6535, 44.6950**.

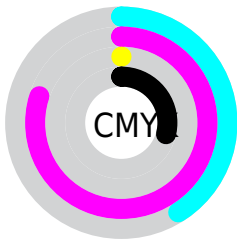
Distribution



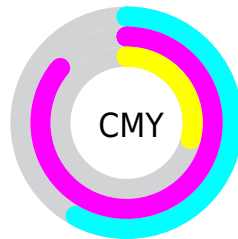
- Red (42%)
- Green (14%)
- Blue (71%)



- Red (42%)
- Yellow (14%)
- Blue (71%)



- Cyan (41%)
- Magenta (80%)
- Yellow (0%)
- Black (29%)





- Cyan (58%)
- Magenta (86%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9152, 7.6621, 44.4089 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 14.9152, 7.6621, 44.4089 by changing the saturation by 10% instead.


 14.9152, 7.6621,
44.4089

 14.9152, 7.6621,
44.4089


216.2509,
173.0572, 380.4644


 8.8458, 3.8795,
30.6525


 34.2772, 21.2933,
83.1417


 4.6971, 1.6064,
20.0782


 48.3006, 31.9107,
108.9552


 2.1035, 0.3619,
12.2672


 65.7060, 45.5752,
139.6249

 0.6911, 0.0000,
6.8012

 86.8588, 62.6711,
175.5693

 0.0000, 0.0000,
3.2615

 112.1243, 83.5829,
217.2069

 0.0000, 0.0000,
1.2297

 141.8679,

 0.0000, 0.0000,

108.6949, 264.9562

0.0031

176.4550,
138.3915, 319.2359

■ 0.0000, 0.0000,
0.0000

■ 14.9152, 7.6621,
44.4089

■ 14.9152, 7.6621,
44.4089

■ 13.4469, 6.2873,
44.2211

■ 16.7827, 9.6535,
44.6950

■ 12.3069, 5.3809,
44.1062

■ 19.0884, 12.3363,
45.0913

■ 21.8677, 15.7749,
45.6086

■ 25.1512, 20.0258,
46.2560

■ 28.9669, 25.1402,
47.0421

■ 33.3405, 31.1646,
47.9744

■ 38.2960, 38.1424,
49.0601

■ 43.8557, 46.1141,
50.3057

■ 50.0409, 55.1177,
51.7176

Harmonies

Analogous

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



9.2907, 7.6621, 65.1041



14.9152, 7.6621, 44.4089



19.2633, 7.6621, 18.6982

Triad

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



14.9152, 7.6621, 44.4089



10.3269, 7.6621, 0.0000



1.6255, 7.6621, 14.8311

Complementary

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



14.9152, 7.6621, 44.4089



23.3976, 36.5546, 7.4916

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.



1.7108, 7.6621, 2.7565



14.9152, 7.6621, 44.4089



5.5869, 7.6621, 0.0000

Square

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



14.9152, 7.6621, 44.4089



15.9414, 7.6621, 0.0025



2.8338, 7.6621, 0.0000



2.5149, 7.6621, 39.1943

Rectangle

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



14.9152, 7.6621, 44.4089



20.0739, 7.6621, 7.4411



2.8338, 7.6621, 0.0000



1.5565, 7.6621, 9.3144

Sweetspot

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



14.9156, 7.6623, 44.4091



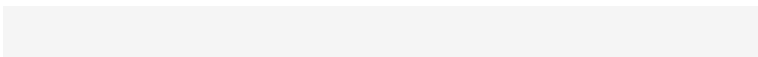
56.2260, 50.9810, 85.1715



15.0105, 15.5961, 45.9355



11.5665, 10.2139, 18.2841



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.



14.9156, 7.6623, 44.4091



22.5261, 10.0383, 79.0449



26.9137, 13.8476, 44.9706



8.4194, 8.4247, 10.6887



8.5634, 3.7504, 30.4095



0.3369, 0.1528, 0.9600

Inverse Universe

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



22.5561, 12.2332, 16.2106



37.9884, 19.3009, 21.4181



17.7502, 33.6433, 7.2273



8.6737, 8.5762, 9.7803



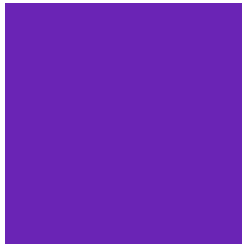
14.5531, 7.3388, 8.0724



0.4872, 0.2426, 0.4084

Previews

White Background



This preview shows how the XYZ color 14.9152, 7.6621, 44.4089 looks on a white background.

Color Contrast Check

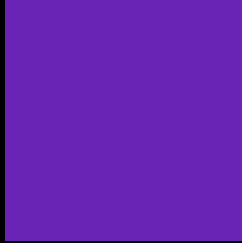
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 14.9152, 7.6621, 44.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

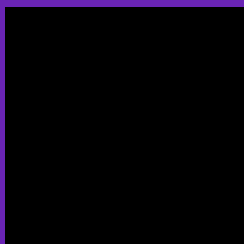
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9152, 7.6621, 44.4089

Background



This preview shows how black text looks on a background with the XYZ color 14.9152, 7.6621, 44.4089.



This preview shows how white text looks on a background with the XYZ color 14.9152, 7.6621,

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

14.9152, 7.6621, 44.4089

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.5299, 7.7198, 25.1380



Tritanopia

7.8019, 7.6782, 9.2545

Trichromacy



Original Color

14.9152, 7.6621, 44.4089



Protanomaly

9.5733, 6.5960, 37.8144



Deuteranomaly

8.5597, 6.5450, 31.3840



Tritanomaly

9.4121, 6.9447, 18.2972

Monochromacy



Original Color

14.9152, 7.6621, 44.4089



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

8.2868, 6.3329, 16.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9152, 7.6621, 44.4089 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(106, 36, 181)` looks like.

```
.text, #text, p{  
    color:rgb(106, 36, 181)  
}
```

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(106, 36, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 36, 181) }
```

Border

The CSS property to change the border of an element to XYZ 14.9152, 7.6621, 44.4089 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(106, 36, 181) }
```


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

```
.border{ border-color:rgb(106, 36, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 36, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 36, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 36, 181);  
box-shadow:4px 4px 4px 4px rgb(106, 36,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9152, 7.6621, 44.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 36, 181) }
```

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

```
.background{ background-color: rgb(106, 36,  
181) }
```

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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