

Converting Colors

XYZ(14.7622, 7.4786, 6.6343)

Have a look what the booklet for
XYZ(14.7622, 7.4786, 6.6343)
contains.

XYZ(14.8476, 7.5229, 6.6307)	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(14.8476, 7.5229,
6.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0047
RGB	156, 0, 71
RGB Percent	61%, 0%, 28%
CMY	0.3882, 0.9999, 0.7216
CMYK	0.00, 1.00, 0.54, 0.39
HSL	333°, 100%, 31%
HSV	333°, 100%, 61%
XYZ	14.8476, 7.5229, 6.6307
YIQ	54.7380, 70.1850, 55.1530

Conversions

Conversions Part 2

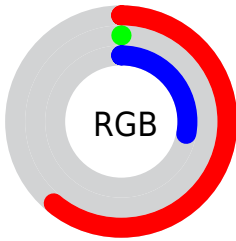
Format	Color
RYB	156, 0, 71
Decimal	10223687
CIELab	32.97, 58.21, 5.74
CIELCh	33, 58.493, 5.635
Yxy	7.5229, 0.5120, 0.2594
Android (android.graphics.Color)	4288413767 (0xFF9C0047)
YUV	54.7380, 8.0172, 88.8068
Hunter-Lab	27.4279, 48.6289, 4.8662

Details

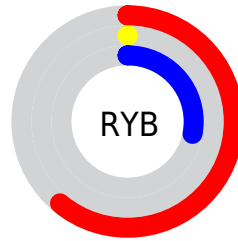
The XYZ color **14.8476, 7.5229, 6.6307** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.5294, 24.4332, 12.6026**, and the grayscale version is **3.5842, 3.7708, 4.1064**.

A 20% lighter version of the original color is **34.2331, 21.0997, 19.7211**, and **5.2466, 2.6805, 1.3395** is the 20% darker color. If you saturate the color by 10%, you get **14.8471, 7.5226, 6.6283**, and if you desaturate by 10%, it is **15.3196, 7.9993, 8.2298**.

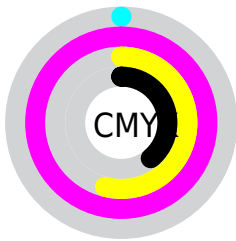
Distribution



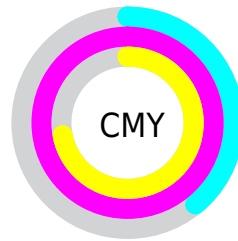
- Red (61%)
- Green (0%)
- Blue (28%)



- Red (61%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8476, 7.5229, 6.6307 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 14.8476, 7.5229, 6.6307 by changing the saturation by 10% instead.

 14.8476, 7.5229,
6.6307


 14.8476, 7.5229,
6.6307


215.8486,
171.9405, 174.0716


 8.7981, 3.7912,
3.1573


 34.1595, 21.0177,
19.7264


 4.6658, 1.5575,
1.1755

 48.1525, 31.5496,
30.1858


 2.0853, 0.3287,
0.0000

 65.5242, 45.1169,
43.8109

 0.6812, 0.0000,
0.0000


 86.6398, 62.1043,
61.0203


 0.0000, 0.0000,
0.0000


 111.8647, 82.8959,
82.2326

 141.5642,


107.8762, 107.8662

 176.1038,
137.4296, 138.3397

 14.8476, 7.5229,
6.6307


 14.8476, 7.5229,
6.6307


 14.8471, 7.5226,
6.6283

 15.3196, 7.9993,
8.2298

 15.9677, 8.7643,
10.0832

 16.8544, 9.9408,
12.2188

 18.0061, 11.5796,
14.6521

 19.4457, 13.7240,
17.3969

■ 21.1930, 16.4122,
20.4659

■ 23.2665, 19.6788,
23.8709

■ 25.6827, 23.5554,
27.6233

■ 28.4573, 28.0713,
31.7334

Harmonies

Analogous

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



14.0474, 7.5229, 17.4135



14.8476, 7.5229, 6.6307



13.1516, 7.5229, 1.7373

Triad

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



14.8476, 7.5229, 6.6307



4.2160, 7.5229, 0.6504



4.9675, 7.5229, 35.5460

Complementary

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



14.8476, 7.5229, 6.6307



13.5294, 24.4332, 12.6026

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.



3.3254, 7.5229, 22.6524



14.8476, 7.5229, 6.6307



2.9872, 7.5229, 2.9838

Square

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



14.8476, 7.5229, 6.6307



6.5824, 7.5229, 0.0000



2.7160, 7.5229, 9.9790



7.7500, 7.5229, 39.4995

Rectangle

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



14.8476, 7.5229, 6.6307



11.0581, 7.5229, 0.5984



2.7160, 7.5229, 9.9790



4.2923, 7.5229, 31.8132

Sweetspot

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



14.8478, 7.5234, 6.6308



42.0115, 35.3492, 42.9614



9.5870, 4.2495, 31.7672



8.9085, 7.2466, 8.9097



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.8478, 7.5234, 6.6308



26.8700, 13.6246, 11.5296



13.7670, 7.1813, 0.6613



6.7523, 6.6938, 7.5466



12.2466, 6.2032, 5.5498



0.2401, 0.1194, 0.2103

Inverse Universe

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



14.8478, 7.5234, 6.6308



26.8700, 13.6246, 11.5296



17.0355, 24.4694, 35.2774



6.7523, 6.6938, 7.5466



12.2466, 6.2032, 5.5498



0.2401, 0.1194, 0.2103

Previews

White Background



This preview shows how the XYZ color 14.8476, 7.5229, 6.6307 looks on a white background.

Color Contrast Check

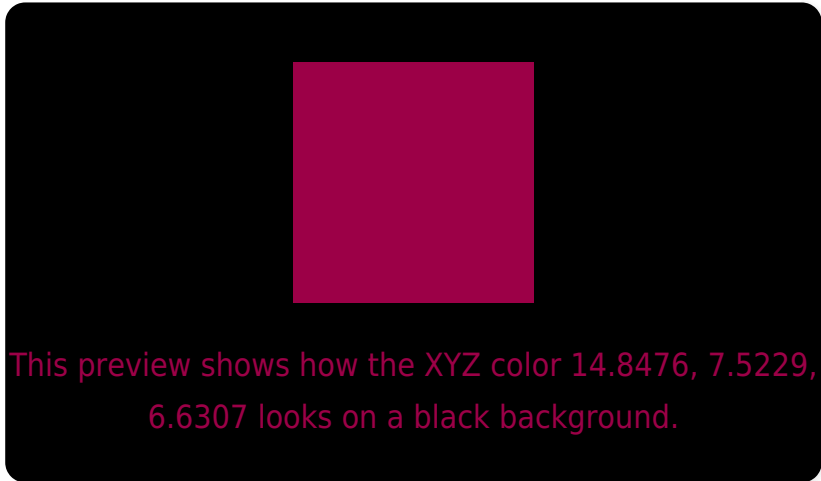
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8476, 7.5229, 6.6307

Background



This preview shows how black text looks on a background with the XYZ color 14.8476, 7.5229, 6.6307.



This preview shows how white text looks on a background with the XYZ color 14.8476, 7.5229, 6.6307.

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

14.8476, 7.5229, 6.6307

Protanopia

8.2185, 8.2124, 13.9840

Deuteranopia

8.1954, 8.0576, 5.9738



Tritanopia

13.9513, 7.7844, 1.8658

Trichromacy



Original Color

14.8476, 7.5229, 6.6307

Protanomaly

8.7811, 6.0660, 10.6056

Deuteranomaly

9.4476, 6.3838, 6.0444

Tritanomaly

14.1885, 7.5830, 3.0987

Monochromacy



Original Color

14.8476, 7.5229, 6.6307

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8570, 3.8143, 4.8424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8476, 7.5229, 6.6307 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(156, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 71)  
}
```

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(156, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.8476, 7.5229, 6.6307 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(156, 0, 71) }
```


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

```
.border{ border-color:rgb(156, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8476, 7.5229, 6.6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 71) }
```

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

```
.background{ background-color: rgb(156, 0,  
71) }
```

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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