

Converting Colors

XYZ(14.6611, 7.4382, 6.1019)

Have a look what the booklet for
XYZ(14.6611, 7.4382, 6.1019)
contains.

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Color

**XYZ(14.7537, 7.4853,
6.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0044
RGB	156, 0, 68
RGB Percent	61%, 0%, 27%
CMY	0.3882, 0.9999, 0.7333
CMYK	0.00, 1.00, 0.56, 0.39
HSL	334°, 100%, 31%
HSV	334°, 100%, 61%
XYZ	14.7537, 7.4853, 6.1360
YIQ	54.3960, 71.1480, 54.2200

Conversions

Conversions Part 2

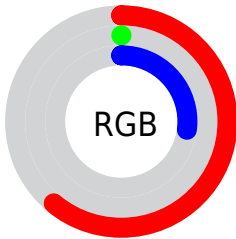
Format	Color
RYB	156, 0, 68
Decimal	10223684
CIELab	32.89, 57.99, 7.61
CIELCh	33, 58.491, 7.476
Yxy	7.4853, 0.5200, 0.2638
Android (android.graphics.Color)	4288413764 (0xFF9C0044)
YUV	54.3960, 6.7068, 89.1067
Hunter-Lab	27.3593, 48.3788, 5.8542

Details

The XYZ color **14.7537, 7.4853, 6.1360** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.6511, 24.4820, 13.2436**, and the grayscale version is **3.5428, 3.7273, 4.0590**.

A 20% lighter version of the original color is **33.9874, 20.8920, 18.7642**, and **5.2235, 2.6713, 1.2176** is the 20% darker color. If you saturate the color by 10%, you get **14.7532, 7.4851, 6.1339**, and if you desaturate by 10%, it is **15.2226, 7.9604, 7.7186**.

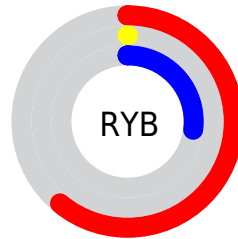
Distribution



Red (61%)

Green (0%)

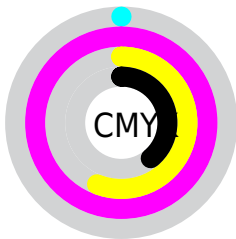
Blue (27%)



Red (61%)

Yellow (0%)

Blue (27%)

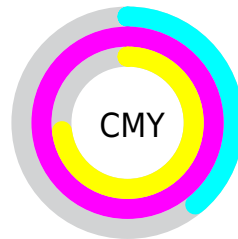


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (39%)



Cyan (39%)


Magenta (100%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7537, 7.4853, 6.1360 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 14.7537, 7.4853, 6.1360 by changing the saturation by 10% instead.


 14.7537, 7.4853,
6.1360


 14.7537, 7.4853,
6.1360


215.2886,
171.6374, 169.6269


 8.7319, 3.7674,
2.8578


 33.9957, 20.9431,
18.6950


 4.6224, 1.5443,
1.0225

 47.9467, 31.4517,
28.8130


 2.0599, 0.3196,
0.0000

 65.2714, 44.9927,
42.0480

 0.6673, 0.0000,
0.0000


 86.3352, 61.9505,
58.8185


 0.0000, 0.0000,
0.0000


 111.5034, 82.7095,
79.5431


 141.1415,


107.6541, 104.6403


 175.6148,
137.1685, 134.5288


 14.7537, 7.4853,
6.1360


 14.7537, 7.4853,
6.1360


 14.7532, 7.4851,
6.1339

 15.2226, 7.9604,
7.7186

 15.8698, 8.7251,
9.5680

 16.7583, 9.9022,
11.7130

 17.9145, 11.5428,
14.1698

 19.3613, 13.6900,
16.9531

■ 21.1189, 16.3822,
20.0764

■ 23.2058, 19.6541,
23.5523

■ 25.6387, 23.5373,
27.3926

■ 28.4334, 28.0612,
31.6087

Harmonies

Analogous

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



14.1102, 7.4853, 16.5310



14.7537, 7.4853, 6.1360



12.9281, 7.4853, 1.5721

Triad

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



14.7537, 7.4853, 6.1360



4.0844, 7.4853, 0.7189



5.0778, 7.4853, 36.0164

Complementary

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



14.7537, 7.4853, 6.1360



13.6511, 24.4820, 13.2436

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.



3.3725, 7.4853, 23.4456



14.7537, 7.4853, 6.1360



2.9252, 7.4853, 3.2252

Square

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



14.7537, 7.4853, 6.1360



6.3712, 7.4853, 0.0000



2.7088, 7.4853, 10.5631



7.9135, 7.4853, 39.2032

Rectangle

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



14.7537, 7.4853, 6.1360



10.7990, 7.4853, 0.5163



2.7088, 7.4853, 10.5631



4.3809, 7.4853, 32.4598

Sweetspot

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



14.7539, 7.4858, 6.1361



41.9001, 35.3046, 42.3748



9.8213, 4.3702, 31.7783



8.8817, 7.2359, 8.7689



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.



14.7539, 7.4858, 6.1361



26.7011, 13.5571, 10.6400



13.7953, 7.2378, 0.6706



6.7471, 6.6918, 7.5193



12.1690, 6.1722, 5.1412



0.2385, 0.1187, 0.2018

Inverse Universe

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



14.7539, 7.4858, 6.1361



26.7011, 13.5571, 10.6400



16.6225, 23.6433, 35.1399



6.7471, 6.6918, 7.5193



12.1690, 6.1722, 5.1412



0.2385, 0.1187, 0.2018

Previews

White Background



This preview shows how the XYZ color 14.7537, 7.4853, 6.1360 looks on a white background.

Color Contrast Check

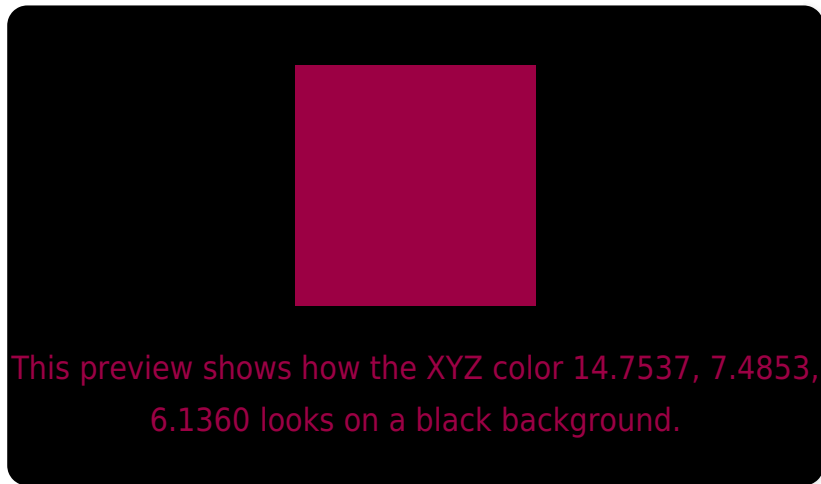
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7537, 7.4853, 6.1360

Background



This preview shows how black text looks on a background with the XYZ color 14.7537, 7.4853, 6.1360.



This preview shows how white text looks on a background with the XYZ color 14.7537, 7.4853,

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

14.7537, 7.4853, 6.1360

Protanopia

8.1013, 8.1747, 12.9553

Deuteranopia

8.2155, 8.0776, 5.5410



Tritanopia

13.9048, 7.7285, 1.7362

Trichromacy



Original Color

14.7537, 7.4853, 6.1360

Protanomaly

8.7710, 6.0755, 9.9429

Deuteranomaly

9.3598, 6.3487, 5.5826

Tritanomaly

14.1183, 7.5296, 2.8071

Monochromacy



Original Color

14.7537, 7.4853, 6.1360

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6758, 3.6840, 4.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7537, 7.4853, 6.1360 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.7537, 7.4853, 6.1360 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, 68) }
```


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

```
.border{ border-color:rgb(156, 0, 68) }
```

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, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7537, 7.4853, 6.1360 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, 68) }
```

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

```
.background{ background-color: rgb(156, 0,  
68) }
```

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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