

Converting Colors

XYZ(14.7627, 7.8259, 6.0810)

Have a look what the booklet for
XYZ(14.7627, 7.8259, 6.0810)
contains.

XYZ(14.7636, 7.8396, 6.0452)	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(14.7636, 7.8396,
6.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	9B1343
RGB	155, 19, 67
RGB Percent	61%, 7%, 26%
CMY	0.3922, 0.9254, 0.7373
CMYK	0.00, 0.88, 0.57, 0.39
HSL	339°, 78%, 34%
HSV	339°, 88%, 61%
XYZ	14.7636, 7.8396, 6.0452
YIQ	65.1360, 65.6480, 43.7600

Conversions

Conversions Part 2

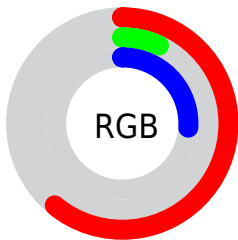
Format	Color
R_{YB}	155, 19, 67
Decimal	10163011
CIE Lab	33.65, 54.78, 9.30
CIE LCh	34, 55.564, 9.635
Yxy	7.8396, 0.5153, 0.2736
Android (android.graphics.Color)	4288353091 (0xFF9B1343)
YUV	65.1360, 0.9190, 78.8107
Hunter-Lab	27.9993, 45.1216, 6.7985

Details

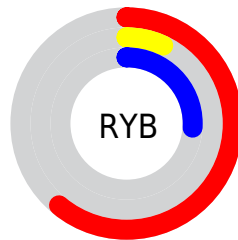
The XYZ color **14.7636, 7.8396, 6.0452** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.6448, 24.6431, 17.8989**, and the grayscale version is **5.0380, 5.3004, 5.7721**.

A 20% lighter version of the original color is **34.1361, 21.7195, 18.6128**, and **5.1052, 2.6116, 1.1547** is the 20% darker color. If you saturate the color by 10%, you get **14.2935, 7.3400, 4.5303**, and if you desaturate by 10%, it is **15.4451, 8.6786, 7.8879**.

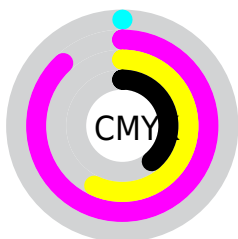
Distribution



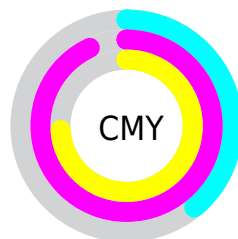
- Red (61%)
- Green (7%)
- Blue (26%)



- Red (61%)
- Yellow (7%)
- Blue (26%)



- Cyan (0%)
- Magenta (88%)
- Yellow (57%)
- Black (39%)





- Cyan (39%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7636, 7.8396, 6.0452 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 14.7636, 7.8396, 6.0452 by changing the saturation by 10% instead.


 14.7636, 7.8396,
6.0452


 14.7636, 7.8396,
6.0452


215.3477,
174.4684, 168.7940


 8.7389, 3.9925,
2.8033


 34.0130, 21.6434,
18.5039


 4.6270, 1.6694,
0.9951

 47.9684, 32.3689,
28.5579


 2.0626, 0.4037,
0.0000

 65.2980, 46.1559,
41.7196

 0.6688, 0.0000,
0.0000

 86.3673, 63.3889,
58.4077

 0.0000, 0.0000,
0.0000

 111.5416, 84.4523,
79.0406

 141.1861,

109.7304, 104.0369

175.6664,
139.6076, 133.8152

■ 14.7636, 7.8396,
6.0452

■ 14.7636, 7.8396,
6.0452

■ 14.2935, 7.3400,
4.5303

■ 15.4451, 8.6786,
7.8879

■ 14.1998, 7.2415,
4.2255

■ 16.3816, 9.9402,
10.0851

■ 17.5995, 11.6734,
12.6572

■ 19.1214, 13.9198,
15.6226

■ 20.9675, 16.7166,
18.9983

■ 23.1561, 20.0974,
22.8001

■ 25.7044, 24.0931,
27.0431

■ 28.6280, 28.7324,
31.7414

■ 31.9418, 34.0422,
36.9088

Harmonies

Analogous

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



14.3248, 7.8396, 15.7261



14.7636, 7.8396, 6.0452



12.8748, 7.8396, 1.7170

Triad

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



14.7636, 7.8396, 6.0452



4.3282, 7.8396, 1.0675



5.6084, 7.8396, 35.5275

Complementary

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



14.7636, 7.8396, 6.0452



14.6448, 24.6431, 17.8989

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.



3.8155, 7.8396, 24.1364



14.7636, 7.8396, 6.0452



3.2269, 7.8396, 3.9595

Square

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



14.7636, 7.8396, 6.0452



6.5215, 7.8396, 0.2259



3.0688, 7.8396, 11.6313



8.4656, 7.8396, 37.6503

Rectangle

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



14.7636, 7.8396, 6.0452



10.7874, 7.8396, 0.7040



3.0688, 7.8396, 11.6313



4.8854, 7.8396, 32.4115

Sweetspot

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



14.7638, 7.8401, 6.0453



41.9940, 36.8086, 41.7203



11.9916, 5.8445, 31.5064



9.1989, 7.8550, 8.9220



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.



14.7638, 7.8401, 6.0453



25.3486, 12.9360, 7.1364



14.3014, 8.3479, 1.4743



6.2943, 6.2569, 6.9301



11.4222, 5.8231, 3.4821



0.1870, 0.0935, 0.1374

Inverse Universe

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



14.7638, 7.8401, 6.0453



25.3486, 12.9360, 7.1364



15.1122, 20.3592, 34.1435



6.2943, 6.2569, 6.9301



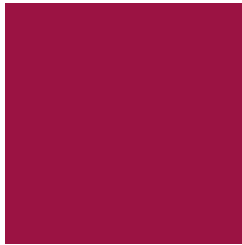
11.4222, 5.8231, 3.4821



0.1870, 0.0935, 0.1374

Previews

White Background



This preview shows how the XYZ color 14.7636, 7.8396, 6.0452 looks on a white background.

Color Contrast Check

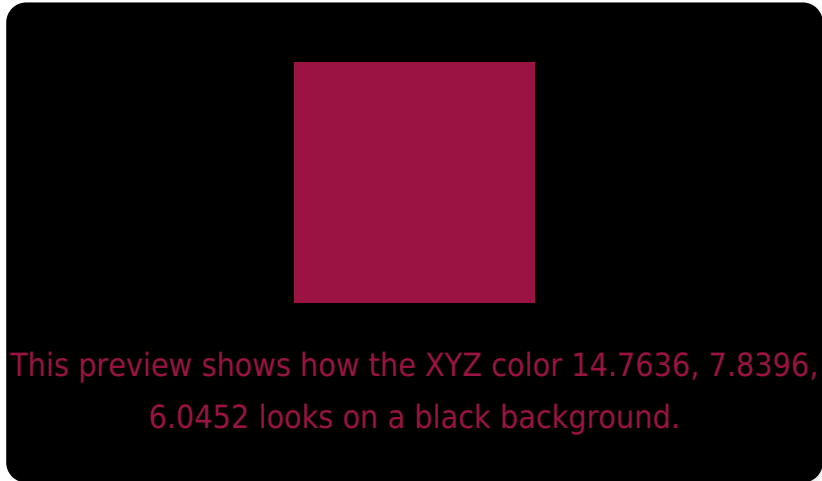
Large Text (above 18pt) WCAG AA ✓ Pass

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

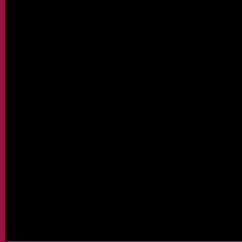
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7636, 7.8396, 6.0452

Background



This preview shows how black text looks on a background with the XYZ color 14.7636, 7.8396, 6.0452.



This preview shows how white text looks on a background with the XYZ color 14.7636, 7.8396,

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

14.7636, 7.8396, 6.0452

Protanopia

8.0761, 8.1832, 11.9803

Deuteranopia

8.3906, 8.2725, 5.5694



Tritanopia

14.0637, 7.9489, 2.0894

Trichromacy



Original Color

14.7636, 7.8396, 6.0452

Protanomaly

9.0966, 6.7462, 9.4170

Deuteranomaly

9.6964, 7.0670, 5.5556

Tritanomaly

14.1730, 7.8357, 3.1483

Monochromacy



Original Color

14.7636, 7.8396, 6.0452

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

7.0773, 5.1039, 5.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7636, 7.8396, 6.0452 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(155, 19, 67)` looks like.

```
.text, #text, p{  
  color:rgb(155, 19, 67)  
}
```

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(155, 19, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 19, 67) }
```

Border

The CSS property to change the border of an element to XYZ 14.7636, 7.8396, 6.0452 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(155, 19, 67) }
```


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

```
.border{ border-color:rgb(155, 19, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 19, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 19, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 19, 67);  
box-shadow:4px 4px 4px 4px rgb(155, 19,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7636, 7.8396, 6.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 19, 67) }
```

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

```
.background{ background-color: rgb(155, 19,  
67) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor