

Converting Colors

XYZ(16.1392, 8.8334, 7.1577)

Have a look what the booklet for
XYZ(16.1392, 8.8334, 7.1577)
contains.

XYZ(16.1392, 8.8334, 7.1577)	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(16.1392, 8.8334,
7.1577)**

Conversions

Conversions Part 1

Format	Color
Hex	A01D49
RGB	160, 29, 73
RGB Percent	63%, 11%, 29%
CMY	0.3725, 0.8862, 0.7137
CMYK	0.00, 0.82, 0.54, 0.37
HSL	340°, 69%, 37%
HSV	340°, 82%, 63%
XYZ	16.1392, 8.8334, 7.1577
YIQ	73.1850, 63.9520, 41.4560

Conversions

Conversions Part 2

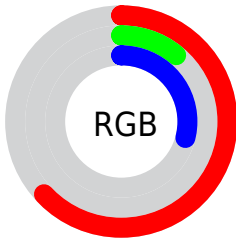
Format	Color
RYB	160, 29, 73
Decimal	10493257
CIELab	35.66, 54.20, 8.35
CIELCh	36, 54.837, 8.763
Yxy	8.8334, 0.5023, 0.2749
Android (android.graphics.Color)	4288683337 (0xFFA01D49)
YUV	73.1850, -0.0912, 76.1368
Hunter-Lab	29.7210, 44.9178, 6.5259

Details

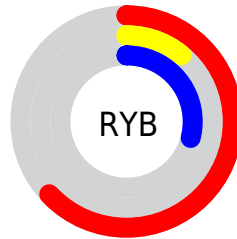
The XYZ color **16.1392, 8.8334, 7.1577** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.2309, 26.6641, 20.8177**, and the grayscale version is **6.3585, 6.6896, 7.2850**.

A 20% lighter version of the original color is **36.4561, 23.5756, 20.7182**, and **5.7138, 2.9185, 1.4905** is the 20% darker color. If you saturate the color by 10%, you get **15.5210, 8.1136, 5.3594**, and if you desaturate by 10%, it is **17.0217, 9.9855, 9.3414**.

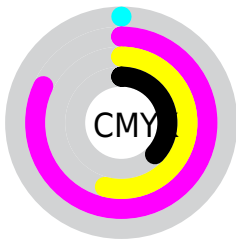
Distribution



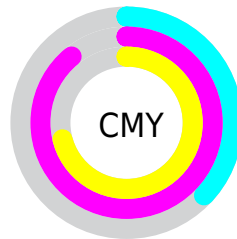
- Red (63%)
- Green (11%)
- Blue (29%)



- Red (63%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (54%)
- Black (37%)





- Cyan (37%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1392, 8.8334, 7.1577 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 16.1392, 8.8334, 7.1577 by changing the saturation by 10% instead.


 16.1392, 8.8334,
7.1577


 16.1392, 8.8334,
7.1577


223.4160,
182.1301, 178.6481


 9.7142, 4.6327,
3.4810


 36.3952, 23.5768,
20.8080


 5.2707, 2.0334,
1.3452

 50.9569, 34.8882,
31.6187


 2.4433, 0.6268,
0.0984

 68.9615, 49.3387,
45.6444

 0.8668, 0.0000,
0.0000

 90.7744, 67.3125,
63.3038

 0.0000, 0.0000,
0.0000

 116.7609, 89.1942,
85.0153

 147.2865,

115.3681, 111.1975

182.7164,
146.2186, 142.2689

■ 16.1392, 8.8334,
7.1577

■ 16.1392, 8.8334,
7.1577

■ 15.5210, 8.1136,
5.3594

■ 17.0217, 9.9855,
9.3414

■ 15.1567, 7.7374,
4.1516

■ 18.1983, 11.6250,
11.9342

■ 19.6955, 13.8004,
14.9582

■ 21.5364, 16.5539,
18.4334

■ 23.7416, 19.9232,
22.3785

■ 26.3305, 23.9431,
26.8110

■ 29.3208, 28.6456,
31.7476

■ 32.7290, 34.0606,
37.2040

■ 36.5708, 40.2163,
43.1952

Harmonies

Analogous

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



15.6059, 8.8334, 17.5943



16.1392, 8.8334, 7.1577



14.2205, 8.8334, 2.2323

Triad

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



16.1392, 8.8334, 7.1577



5.0804, 8.8334, 1.3520



6.3436, 8.8334, 37.4945

Complementary

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



16.1392, 8.8334, 7.1577



16.2309, 26.6641, 20.8177

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.



4.4286, 8.8334, 25.5779



16.1392, 8.8334, 7.1577



3.8399, 8.8334, 4.5117

Square

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



16.1392, 8.8334, 7.1577



7.4859, 8.8334, 0.5096



3.6366, 8.8334, 12.5861



9.3767, 8.8334, 40.0238

Rectangle

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



16.1392, 8.8334, 7.1577



12.0407, 8.8334, 1.0217



3.6366, 8.8334, 12.5861



5.5726, 8.8334, 34.2049

Sweetspot

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



16.1394, 8.8339, 7.1578



46.0273, 40.6955, 45.6680



13.7443, 7.0051, 33.8853



9.7569, 8.4012, 9.4371



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.1394, 8.8339, 7.1578



27.5707, 14.1417, 7.5794



15.8032, 9.7306, 2.2084



6.7204, 6.6811, 7.3786



11.8257, 6.0348, 3.3330



0.2301, 0.1154, 0.1577

Inverse Universe

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



16.1394, 8.8339, 7.1578



27.5707, 14.1417, 7.5794



16.2817, 21.6585, 36.5800



6.7204, 6.6811, 7.3786



11.8257, 6.0348, 3.3330



0.2301, 0.1154, 0.1577

Previews

White Background



This preview shows how the XYZ color 16.1392, 8.8334, 7.1577 looks on a white background.

Color Contrast Check

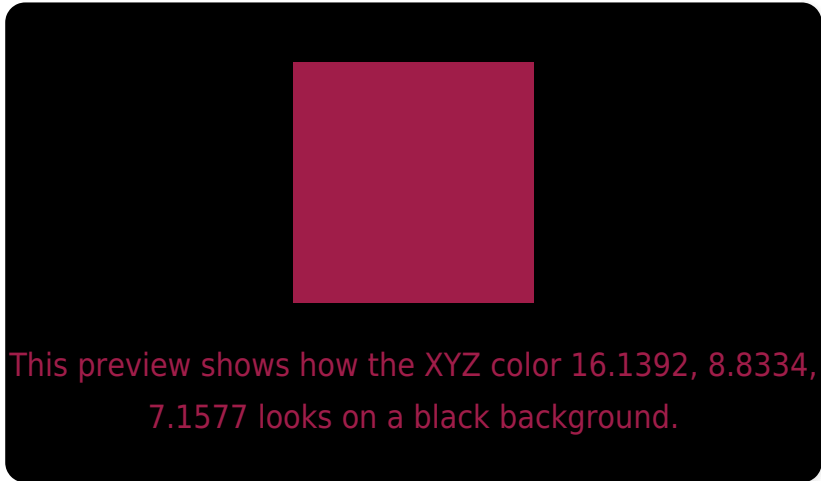
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1392, 8.8334, 7.1577

Background



This preview shows how black text looks on a background with the XYZ color 16.1392, 8.8334, 7.1577.



This preview shows how white text looks on a background with the XYZ color 16.1392, 8.8334,

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

16.1392, 8.8334, 7.1577

Protanopia

9.0771, 9.2304, 13.6152

Deuteranopia

9.2859, 9.1492, 6.5867



Tritanopia

15.1599, 8.8018, 2.8194

Trichromacy



Original Color

16.1392, 8.8334, 7.1577

Protanomaly

10.2090, 7.8509, 10.8748

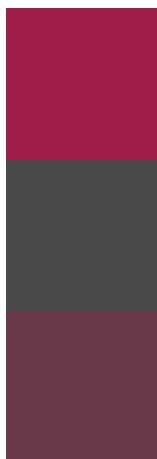
Deuteranomaly

10.8777, 8.1223, 6.6247

Tritanomaly

15.4966, 8.8120, 4.0161

Monochromacy



Original Color

16.1392, 8.8334, 7.1577

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.4914, 6.4106, 7.0931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1392, 8.8334, 7.1577 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(160, 29, 73)` looks like.

```
.text, #text, p{  
    color:rgb(160, 29, 73)  
}
```

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(160, 29, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 29, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.1392, 8.8334, 7.1577 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(160, 29, 73) }
```


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

```
.border{ border-color:rgb(160, 29, 73) }
```

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

Here you see how a box with a 4 pixel rgb(160, 29, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 29, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 29, 73);  
box-shadow:4px 4px 4px 4px rgb(160, 29,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1392, 8.8334, 7.1577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 29, 73) }
```

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

```
.background{ background-color: rgb(160, 29,  
73) }
```

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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