

Converting Colors

XYZ(16.2783, 8.9242, 6.8053)

Have a look what the booklet for
XYZ(16.2783, 8.9242, 6.8053)
contains.

XYZ(16.2746, 8.9107, 6.8234)	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(16.2746, 8.9107,
6.8234)**

Conversions

Conversions Part 1	
Format	Color
Hex	A11D47
RGB	161, 29, 71
RGB Percent	63%, 11%, 28%
CMY	0.3686, 0.8862, 0.7216
CMYK	0.00, 0.82, 0.56, 0.37
HSL	341°, 69%, 37%
HSV	341°, 82%, 63%
XYZ	16.2746, 8.9107, 6.8234
YIQ	73.2560, 65.1900, 41.0460

Conversions

Conversions Part 2

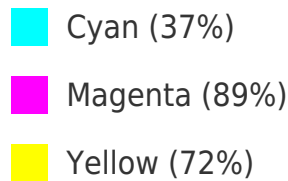
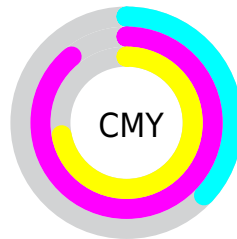
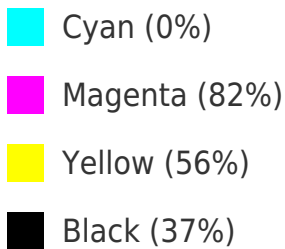
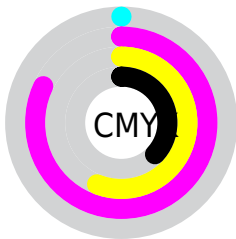
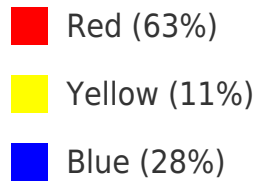
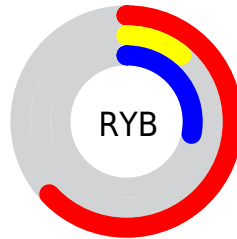
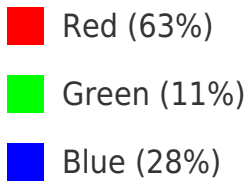
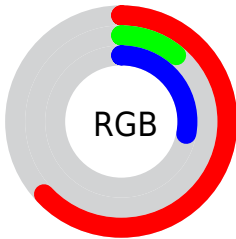
Format	Color
RYB	161, 29, 71
Decimal	10558791
CIELab	35.81, 54.32, 9.89
CIELCh	36, 55.214, 10.318
Yxy	8.9107, 0.5084, 0.2784
Android (android.graphics.Color)	4288748871 (0xFFA11D47)
YUV	73.2560, -1.1122, 76.9515
Hunter-Lab	29.8508, 45.0790, 7.3428

Details

The XYZ color **16.2746, 8.9107, 6.8234** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.5822, 27.0831, 21.8096**, and the grayscale version is **6.3724, 6.7043, 7.3009**.

A 20% lighter version of the original color is **36.6383, 23.6835, 20.0931**, and **5.8031, 2.9674, 1.3655** is the 20% darker color. If you saturate the color by 10%, you get **15.6568, 8.1891, 5.0335**, and if you desaturate by 10%, it is **17.1626, 10.0711, 9.0177**.


Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2746, 8.9107, 6.8234 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 16.2746, 8.9107, 6.8234 by changing the saturation by 10% instead.


 16.2746, 8.9107,
6.8234


 16.2746, 8.9107,
6.8234


224.1953,
182.7103, 175.7630


 9.8108, 4.6830,
3.2751


 36.6279, 23.7254,
20.1238


 5.3350, 2.0625,
1.2368

 51.2480, 35.0811,
30.7131


 2.4819, 0.6434,
0.0091

 69.3176, 49.5817,
44.4864

 0.8861, 0.0000,
0.0000

 91.2021, 67.6115,
61.8623

 0.0000, 0.0000,
0.0000

 117.2667, 89.5548,
83.2594

 147.8769,

115.7961, 109.0962

183.3980,
146.7198, 139.7912

■ 16.2746, 8.9107,
6.8234

■ 16.2746, 8.9107,
6.8234

■ 15.6568, 8.1891,
5.0335

■ 17.1626, 10.0711,
9.0177


■ 15.3002, 7.8180,
3.8599


■ 18.3517, 11.7266,
11.6420


■ 19.8689, 13.9265,
14.7202


■ 21.7378, 16.7138,
18.2737

■ 23.9800, 20.1271,
22.3228

 26.6150, 24.2017,
26.8863

 29.6610, 28.9703,
31.9820

 33.1353, 34.4633,
37.6270

 37.0537, 40.7094,
43.8374

Harmonies

Analogous

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



15.8678, 8.9107, 17.1101



16.2746, 8.9107, 6.8234



14.2185, 8.9107, 2.0965

Triad

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



16.2746, 8.9107, 6.8234



5.0204, 8.9107, 1.4341



6.5250, 8.9107, 38.4124

Complementary

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



16.2746, 8.9107, 6.8234



16.5822, 27.0831, 21.8096

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.



4.5259, 8.9107, 26.6185



16.2746, 8.9107, 6.8234



3.8247, 8.9107, 4.8170

Square

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



16.2746, 8.9107, 6.8234



7.3933, 8.9107, 0.5190



3.6706, 8.9107, 13.2946



9.6451, 8.9107, 40.3461

Rectangle

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



16.2746, 8.9107, 6.8234



11.9763, 8.9107, 0.9631



3.6706, 8.9107, 13.2946



5.7240, 8.9107, 35.2275

Sweetspot

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



16.2748, 8.9112, 6.8235



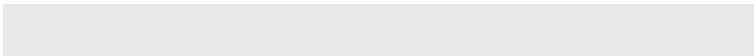
45.9371, 40.6594, 45.1934



14.2092, 7.2346, 34.3655



9.7353, 8.3926, 9.3235



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.



16.2748, 8.9112, 6.8235



27.4540, 14.0950, 6.9646



16.1040, 10.0342, 2.2511



7.1623, 7.1214, 7.8411



12.2367, 6.2507, 3.1712



0.2778, 0.1396, 0.1754

Inverse Universe

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



16.2748, 8.9112, 6.8235



27.4540, 14.0950, 6.9646



16.1728, 21.3002, 36.9770



7.1623, 7.1214, 7.8411



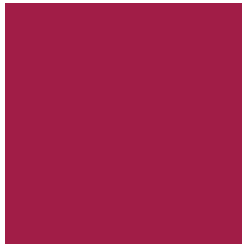
12.2367, 6.2507, 3.1712



0.2778, 0.1396, 0.1754

Previews

White Background



This preview shows how the XYZ color 16.2746, 8.9107, 6.8234 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 16.2746, 8.9107, 6.8234 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 16.2746, 8.9107, 6.8234

Background



This preview shows how black text looks on a background with the XYZ color 16.2746, 8.9107, 6.8234.



This preview shows how white text looks on a background with the XYZ color 16.2746, 8.9107,

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

16.2746, 8.9107, 6.8234

Protanopia

9.0204, 9.2178, 12.8591

Deuteranopia

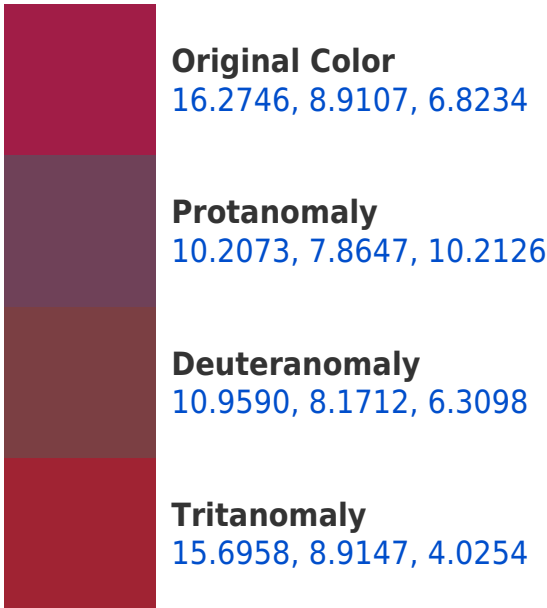
9.3383, 9.1829, 6.2813



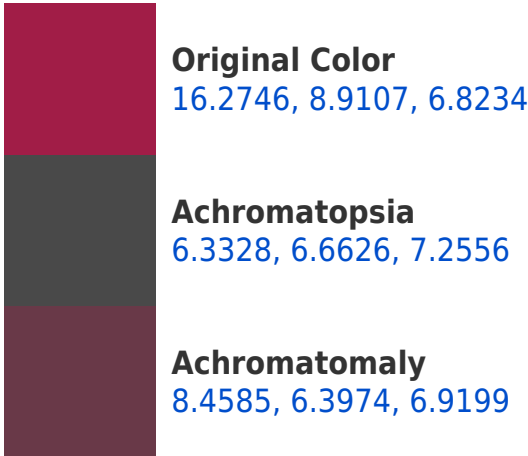
Tritanopia

15.5565, 9.0063, 2.8379

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2746, 8.9107, 6.8234 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(161, 29, 71)` looks like.

```
.text, #text, p{  
    color:rgb(161, 29, 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(161, 29, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 29, 71) }
```

Border

The CSS property to change the border of an element to XYZ 16.2746, 8.9107, 6.8234 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(161, 29, 71) }
```


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

```
.border{ border-color:rgb(161, 29, 71) }
```

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

Here you see how a box with a 4 pixel rgb(161, 29, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 29, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 29, 71);  
box-shadow:4px 4px 4px 4px rgb(161, 29,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2746, 8.9107, 6.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 29, 71) }
```

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

```
.background{ background-color: rgb(161, 29,  
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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