

Converting Colors

XYZ(15.4349, 8.2968, 1.2867)

Have a look what the booklet for
XYZ(15.4349, 8.2968, 1.2867)
contains.

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Color

**XYZ(15.4307, 8.2897,
1.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	A31310
RGB	163, 19, 16
RGB Percent	64%, 7%, 6%
CMY	0.3608, 0.9254, 0.9373
CMYK	0.00, 0.88, 0.90, 0.36
HSL	1°, 82%, 35%
HSV	1°, 90%, 64%
XYZ	15.4307, 8.2897, 1.2770
YIQ	61.7140, 86.7870, 29.5950

Conversions

Conversions Part 2

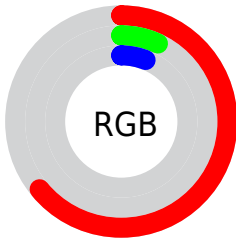
Format	Color
R_{YB}	163, 19, 16
Decimal	10687248
CIE _{Lab}	34.58, 54.75, 41.77
CIE _{LCh}	35, 68.861, 37.338
Yxy	8.2897, 0.6173, 0.3316
Android (android.graphics.Color)	4288877328 (0xFFA31310)
YUV	61.7140, -22.5370, 88.8278
Hunter-Lab	28.7918, 45.2796, 17.5246

Details

The XYZ color **15.4307, 8.2897, 1.2770** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **19.3925, 27.8904, 39.0115**, and the grayscale version is **4.5614, 4.7989, 5.2261**.

A 20% lighter version of the original color is **35.2236, 22.5403, 6.9091**, and **5.4795, 2.8248, 0.2564** is the 20% darker color. If you saturate the color by 10%, you get **15.1405, 7.8591, 0.7190**, and if you desaturate by 10%, it is **15.9695, 9.0934, 2.3015**.

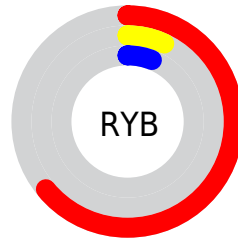
Distribution



Red (64%)

Green (7%)

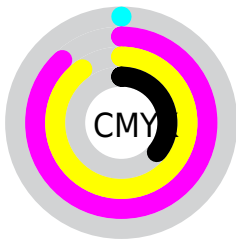
Blue (6%)



Red (64%)

Yellow (7%)

Blue (6%)

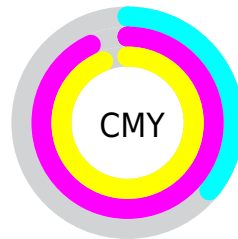


Cyan (0%)

Magenta (88%)

Yellow (90%)

Black (36%)



Cyan (36%)


Magenta (93%)

Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4307, 8.2897, 1.2770 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 15.4307, 8.2897, 1.2770 by changing the saturation by 10% instead.


 15.4307, 8.2897,
1.2770


 15.4307, 8.2897,
1.2770


 219.2956,
177.9869, 109.8866


 9.2105, 4.2809,
0.0428


 35.1725, 22.5244,
6.9484


 4.9369, 1.8319,
0.0000

 49.4248, 33.5191,
12.4851


 2.2447, 0.5069,
0.0000

 67.0852, 47.6113,
20.3804

 0.7661, 0.0000,
0.0000


 88.5190, 65.1852,
31.0530


 0.0000, 0.0000,
0.0000


 114.0916, 86.6253,
44.9214


 144.1683,


112.3161, 62.4041


 179.1145,
142.6418, 83.9197


 15.4307, 8.2897,
1.2770


 15.4307, 8.2897,
1.2770


 15.1405, 7.8591,
0.7190

 15.9695, 9.0934,
2.3015

 16.8317, 10.3680,
3.9758

 18.0575, 12.1710,
6.3834

 19.6809, 14.5516,
9.5955

 21.7324, 17.5532,
13.6747

■ 24.2392, 21.2150,
18.6775

■ 27.2264, 25.5733,
24.6556

■ 30.7172, 30.6613,
31.6570

■ 34.7334, 36.5104,
39.7263

Harmonies

Analogous

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



17.8460, 8.2897, 6.5614



15.4307, 8.2897, 1.2770



11.1201, 8.2897, 0.0000

Triad

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



15.4307, 8.2897, 1.2770



2.8025, 8.2897, 3.0399



8.8716, 8.2897, 51.1780

Complementary

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



15.4307, 8.2897, 1.2770



19.3925, 27.8904, 39.0115

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.



5.3383, 8.2897, 46.6274



15.4307, 8.2897, 1.2770



2.5517, 8.2897, 12.0416

Square

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



15.4307, 8.2897, 1.2770



4.1630, 8.2897, 0.3404



3.3090, 8.2897, 29.1971



13.3302, 8.2897, 38.9336

Rectangle

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



15.4307, 8.2897, 1.2770



8.2310, 8.2897, 0.0000



3.3090, 8.2897, 29.1971



7.5374, 8.2897, 51.6630

Sweetspot

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



15.4309, 8.2902, 1.2771



44.7598, 39.9637, 36.1473



21.6829, 10.7144, 34.4357



9.6899, 8.4460, 7.3930



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.4309, 8.2902, 1.2771



27.0977, 14.0394, 1.2817



19.0205, 15.4696, 2.4737



7.0849, 7.1082, 7.3787



11.7712, 6.1163, 0.5602



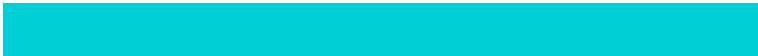
0.2506, 0.1351, 0.0129

Inverse Universe

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



19.3925, 27.8904, 39.0115



34.2269, 49.5105, 69.8087



10.2368, 9.5790, 35.9596



7.2636, 7.9862, 9.0617



14.8657, 21.5107, 30.2983



0.3160, 0.4592, 0.6378

Previews

White Background



This preview shows how the XYZ color 15.4307, 8.2897, 1.2770 looks on a white background.

Color Contrast Check

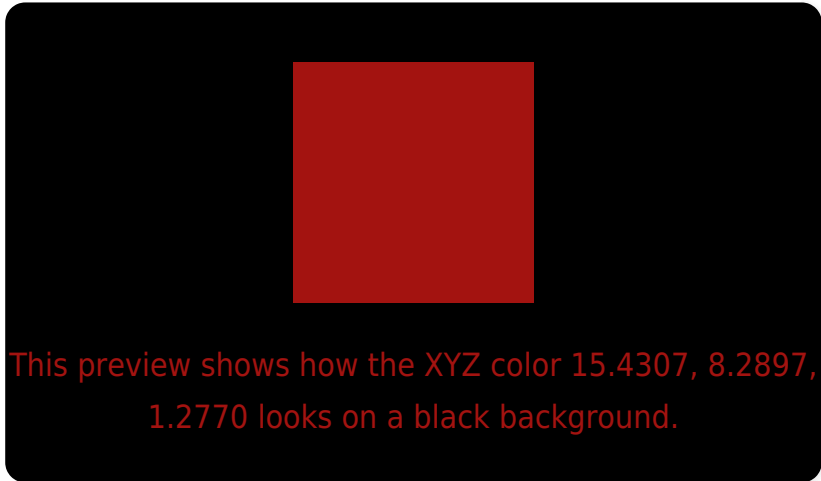
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4307, 8.2897, 1.2770

Background



This preview shows how black text looks on a background with the XYZ color 15.4307, 8.2897, 1.2770.



This preview shows how white text looks on a background with the XYZ color 15.4307, 8.2897,

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

15.4307, 8.2897, 1.2770

Protanopia

7.8418, 8.6074, 2.4764

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

15.4234, 8.2868, 1.2385

Trichromacy



Original Color

15.4307, 8.2897, 1.2770

Protanomaly

9.2625, 7.1535, 1.8123

Deuteranomaly

10.1002, 7.3750, 1.0635

Tritanomaly

15.4234, 8.2868, 1.2385

Monochromacy



Original Color

15.4307, 8.2897, 1.2770

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

6.5962, 4.7961, 3.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4307, 8.2897, 1.2770 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(163, 19, 16)` looks like.

```
.text, #text, p{  
    color:rgb(163, 19, 16)  
}
```

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(163, 19, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 19, 16) }
```

Border

The CSS property to change the border of an element to XYZ 15.4307, 8.2897, 1.2770 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(163, 19, 16) }
```


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

```
.border{ border-color:rgb(163, 19, 16) }
```

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

Here you see how a box with a 4 pixel rgb(163, 19, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 19, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 19, 16);  
box-shadow:4px 4px 4px 4px rgb(163, 19,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4307, 8.2897, 1.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 19, 16) }
```

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

```
.background{ background-color: rgb(163, 19,  
16) }
```

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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