

Converting Colors

XYZ(17.9043, 10.8945, 4.2453)

Have a look what the booklet for
XYZ(17.9043, 10.8945, 4.2453)
contains.

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Color

**XYZ(17.9298, 10.9315,
4.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	A83333
RGB	168, 51, 51
RGB Percent	66%, 20%, 20%
CMY	0.3412, 0.8000, 0.8000
CMYK	0.00, 0.70, 0.70, 0.34
HSL	0°, 53%, 43%
HSV	0°, 70%, 66%
XYZ	17.9298, 10.9315, 4.2970
YIQ	85.9830, 69.7320, 24.8040

Conversions

Conversions Part 2

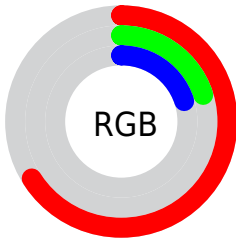
Format	Color
R_{YB}	168, 51, 51
Decimal	11023155
CIE _{Lab}	39.46, 47.69, 27.54
CIE _{LCh}	39, 55.065, 30.005
Yxy	10.9315, 0.5407, 0.3297
Android (android.graphics.Color)	4289213235 (0xFFA83333)
YUV	85.9830, -17.2466, 71.9289
Hunter-Lab	33.0628, 38.9397, 15.4384

Details

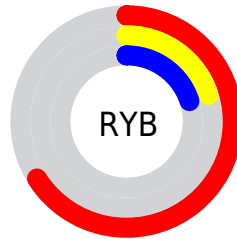
The XYZ color **17.9298, 10.9315, 4.2970** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22.4343, 31.5334, 41.9496**, and the grayscale version is **8.8675, 9.3293, 10.1596**.

A 20% lighter version of the original color is **39.5693, 27.6430, 14.8054**, and **6.3450, 3.2666, 0.4971** is the 20% darker color. If you saturate the color by 10%, you get **17.0180, 9.5975, 2.4842**, and if you desaturate by 10%, it is **19.2411, 12.8506, 6.9033**.

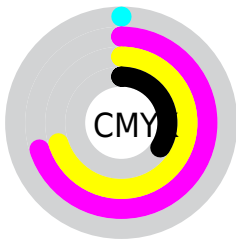
Distribution



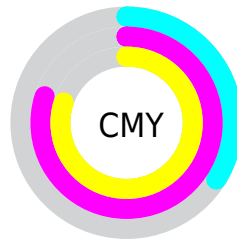
- Red (66%)
- Green (20%)
- Blue (20%)



- Red (66%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (34%)





- Cyan (34%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9298, 10.9315, 4.2970 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 17.9298, 10.9315, 4.2970 by changing the saturation by 10% instead.


 17.9298, 10.9315,
4.2970

 17.9298, 10.9315,
4.2970


233.5283,
197.1970, 151.4714


 10.9990, 6.0208,
1.7897


 39.4487, 27.5334,
14.6891

 6.1334, 2.8577,
0.4211


 54.7675, 39.9934,
23.4110


 2.9678, 1.0579,
0.0000

 73.6130, 55.7387,
35.0415

 1.1368, 0.0000,
0.0000

 96.3505, 75.1535,
49.9990

 0.0555, 0.0000,
0.0000

 123.3454, 98.6224,
68.7023

 0.0000, 0.0000,
0.0000

 154.9632,

126.5297, 91.5697

191.5690,
159.2597, 119.0199

■ 17.9298, 10.9315,
4.2970

■ 17.9298, 10.9315,
4.2970

■ 17.0180, 9.5975,
2.4842

■ 19.2411, 12.8506,
6.9033

■ 16.4595, 8.7802,
1.3742

■ 20.9897, 15.4094,
10.3795

■ 16.1582, 8.3393,
0.7753

■ 23.2100, 18.6584,
14.7932

■ 16.1484, 8.3250,
0.7558

■ 25.9327, 22.6424,
20.2058

■ 29.1859, 27.4027,
26.6729

■ 32.9955, 32.9773,
34.2464

■ 37.3860, 39.4019,
42.9746

■ 42.3803, 46.7098,
52.9031

■ 47.9998, 54.9327,
64.0748

Harmonies

Analogous

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



19.3500, 10.9315, 11.9008



17.9298, 10.9315, 4.2970



14.4083, 10.9315, 1.4995

Triad

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



17.9298, 10.9315, 4.2970



5.3301, 10.9315, 4.2986



10.3907, 10.9315, 46.5757

Complementary

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



17.9298, 10.9315, 4.2970



22.4343, 31.5334, 41.9496

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.



7.1983, 10.9315, 40.0667



17.9298, 10.9315, 4.2970



4.7373, 10.9315, 11.9043

Square

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



17.9298, 10.9315, 4.2970



7.1975, 10.9315, 1.4999



5.3305, 10.9315, 25.4296



14.4097, 10.9315, 40.0627

Rectangle

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



17.9298, 10.9315, 4.2970



11.6866, 10.9315, 0.9657



5.3305, 10.9315, 25.4296



9.1931, 10.9315, 45.8051

Sweetspot

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



17.9301, 10.9321, 4.2972



51.8620, 48.1164, 46.2146



24.4000, 13.5196, 38.3690



10.9543, 9.9761, 9.3783



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.9301, 10.9321, 4.2972



30.2124, 16.4364, 3.1771



22.2680, 19.6081, 5.7432



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



22.4343, 31.5334, 41.9496



38.9288, 56.3031, 76.0409



13.9553, 14.5753, 39.1233



7.7475, 8.5320, 9.6568



15.9102, 23.2806, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 17.9298, 10.9315, 4.2970 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9298, 10.9315, 4.2970

Background



This preview shows how black text looks on a background with the XYZ color 17.9298, 10.9315, 4.2970.

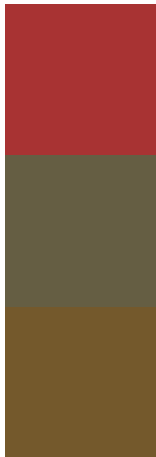


This preview shows how white text looks on a background with the XYZ color 17.9298, 10.9315,

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

17.9298, 10.9315, 4.2970

Protanopia

10.3827, 11.1774, 6.9204

Deuteranopia

11.2295, 11.0396, 3.9219



Tritanopia

17.9749, 10.9495, 4.5342

Trichromacy



Original Color

17.9298, 10.9315, 4.2970

Protanomaly

12.0241, 10.1457, 5.7394

Deuteranomaly

13.0208, 10.3883, 4.0082

Tritanomaly

17.9521, 10.9404, 4.4143

Monochromacy



Original Color

17.9298, 10.9315, 4.2970

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.7876, 8.9591, 7.4640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9298, 10.9315, 4.2970 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(168, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(168, 51, 51)  
}
```

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(168, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 51, 51) }
```

Border

The CSS property to change the border of an element to XYZ 17.9298, 10.9315, 4.2970 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(168, 51, 51) }
```


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

```
.border{ border-color:rgb(168, 51, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 51, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(168, 51,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9298, 10.9315, 4.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 51, 51) }
```

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

```
.background{ background-color: rgb(168, 51,  
51) }
```

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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