

Converting Colors

XYZ(17.9942, 10.9311, 4.4060)

Have a look what the booklet for
XYZ(17.9942, 10.9311, 4.4060)
contains.

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Color

**XYZ(17.9521, 10.9404,
4.4143)**

Conversions

Conversions Part 1

Format	Color
Hex	A83334
RGB	168, 51, 52
RGB Percent	66%, 20%, 20%
CMY	0.3412, 0.8000, 0.7961
CMYK	0.00, 0.70, 0.69, 0.34
HSL	359°, 53%, 43%
HSV	359°, 70%, 66%
XYZ	17.9521, 10.9404, 4.4143
YIQ	86.0970, 69.4110, 25.1150

Conversions

Conversions Part 2

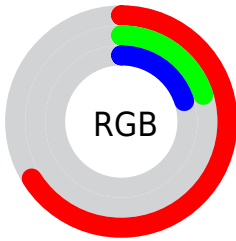
Format	Color
RYB	168, 51, 52
Decimal	11023156
CIELab	39.48, 47.74, 26.95
CIElCh	39, 54.820, 29.444
Yxy	10.9404, 0.5390, 0.3285
Android (android.graphics.Color)	4289213236 (0xFFA83334)
YUV	86.0970, -16.8098, 71.8289
Hunter-Lab	33.0763, 38.9971, 15.2407

Details

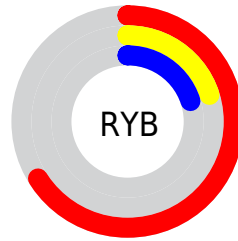
The XYZ color **17.9521, 10.9404, 4.4143** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22.3439, 31.4994, 41.4649**, and the grayscale version is **8.8908, 9.3538, 10.1863**.

A 20% lighter version of the original color is **39.6168, 27.6620, 15.0556**, and **6.3505, 3.2687, 0.5259** is the 20% darker color. If you saturate the color by 10%, you get **17.0348, 9.6041, 2.5729**, and if you desaturate by 10%, it is **19.2674, 12.8612, 7.0416**.

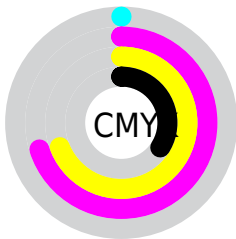
Distribution



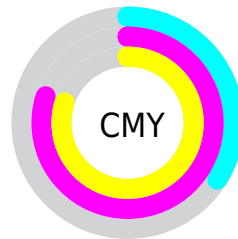
- Red (66%)
- Green (20%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (34%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9521, 10.9404, 4.4143 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 17.9521, 10.9404, 4.4143 by changing the saturation by 10% instead.


 17.9521, 10.9404,
4.4143


 17.9521, 10.9404,
4.4143


233.6517,
197.2582, 152.7246


 11.0151, 6.0268,
1.8553


 39.4864, 27.5499,
14.9545

 6.1444, 2.8614,
0.4640


 54.8144, 40.0146,
23.7728


 2.9745, 1.0598,
0.0000


 73.6701, 55.7650,
35.5145

 1.1403, 0.0000,
0.0000

 96.4189, 75.1857,
50.5983

 0.0584, 0.0000,
0.0000

 123.4261, 98.6610,
69.4427

 0.0000, 0.0000,
0.0000

 155.0571,

126.5752, 92.4662

191.6771,
159.3128, 120.0873

■ 17.9521, 10.9404,
4.4143

■ 17.9521, 10.9404,
4.4143

■ 17.0348, 9.6041,
2.5729

■ 19.2674, 12.8612,
7.0416

■ 16.4701, 8.7844,
1.4296

■ 21.0183, 15.4210,
10.5289

■ 16.1661, 8.3424,
0.8164

■ 23.2386, 18.6702,
14.9421

■ 16.1562, 8.3279,
0.7969

■ 25.9588, 22.6536,
20.3408

■ 29.2068, 27.4122,
26.7796

■ 33.0083, 32.9840,
34.3088

■ 37.3875, 39.4045,
42.9759

■ 42.3670, 46.7071,
52.8251

■ 47.9684, 54.9235,
63.8987

Harmonies

Analogous

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



19.3140, 10.9404, 12.1119



17.9521, 10.9404, 4.4143



14.4742, 10.9404, 1.5477

Triad

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



17.9521, 10.9404, 4.4143



5.3759, 10.9404, 4.2392



10.3293, 10.9404, 46.3708

Complementary

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



17.9521, 10.9404, 4.4143



22.3439, 31.4994, 41.4649

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.



7.1702, 10.9404, 39.6852



17.9521, 10.9404, 4.4143



4.7615, 10.9404, 11.7148

Square

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



17.9521, 10.9404, 4.4143



7.2643, 10.9404, 1.4973



5.3314, 10.9404, 25.0830



14.3250, 10.9404, 40.1298

Rectangle

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



17.9521, 10.9404, 4.4143



11.7643, 10.9404, 0.9913



5.3314, 10.9404, 25.0830



9.1427, 10.9404, 45.5208

Sweetspot

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



17.9524, 10.9410, 4.4145



51.8994, 48.1305, 46.4142



23.9883, 13.3078, 38.3499



10.9631, 9.9794, 9.4252



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.



17.9524, 10.9410, 4.4145



30.2359, 16.4453, 3.3023



22.0617, 19.1951, 5.6751



7.5336, 7.5433, 7.8612



12.2015, 6.2893, 0.6069



0.2976, 0.1533, 0.0189

Inverse Universe

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



17.9524, 10.9410, 4.4145



30.2359, 16.4453, 3.3023



14.1675, 14.9992, 39.1940



7.5336, 7.5433, 7.8612



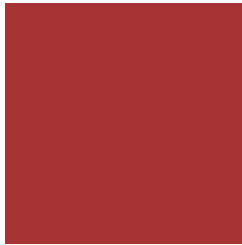
12.2015, 6.2893, 0.6069



0.2976, 0.1533, 0.0189

Previews

White Background



This preview shows how the XYZ color 17.9521, 10.9404, 4.4143 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 17.9521, 10.9404, 4.4143

Background



This preview shows how black text looks on a background with the XYZ color 17.9521, 10.9404, 4.4143.

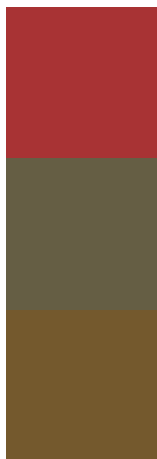


This preview shows how white text looks on a background with the XYZ color 17.9521, 10.9404,

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

17.9521, 10.9404, 4.4143

Protanopia

10.4129, 11.1895, 7.0798

Deuteranopia

11.2485, 11.0472, 4.0221



Tritanopia

17.9749, 10.9495, 4.5342

Trichromacy



Original Color

17.9521, 10.9404, 4.4143

Protanomaly

12.0513, 10.1566, 5.8827

Deuteranomaly

13.0413, 10.3965, 4.1157

Tritanomaly

17.9749, 10.9495, 4.5342

Monochromacy



Original Color

17.9521, 10.9404, 4.4143

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.8210, 8.9725, 7.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9521, 10.9404, 4.4143 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(168, 51, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 51, 52) }
```

Border

The CSS property to change the border of an element to XYZ 17.9521, 10.9404, 4.4143 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, 52) }
```


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

```
.border{ border-color:rgb(168, 51, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 51, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 51, 52);  
box-shadow:4px 4px 4px 4px rgb(168, 51,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9521, 10.9404, 4.4143 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, 52) }
```

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

```
.background{ background-color: rgb(168, 51,  
52) }
```

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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