

Converting Colors

XYZ(15.3099, 9.4348, 4.5105)

Have a look what the booklet for
XYZ(15.3099, 9.4348, 4.5105)
contains.

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Color

**XYZ(15.2817, 9.4315,
4.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3136
RGB	155, 49, 54
RGB Percent	61%, 19%, 21%
CMY	0.3922, 0.8078, 0.7882
CMYK	0.00, 0.68, 0.65, 0.39
HSL	357°, 52%, 40%
HSV	357°, 68%, 61%
XYZ	15.2817, 9.4315, 4.5051
YIQ	81.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

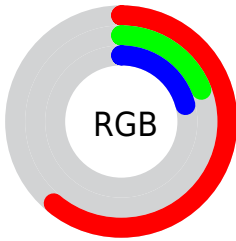
Format	Color
RYB	155, 49, 54
Decimal	10170678
CIELab	36.80, 44.29, 21.86
CIElCh	37, 49.390, 26.275
Yxy	9.4315, 0.5230, 0.3228
Android (android.graphics.Color)	4288360758 (0xFF9B3136)
YUV	81.2640, -13.4412, 64.6665
Hunter-Lab	30.7107, 35.0780, 12.8000

Details

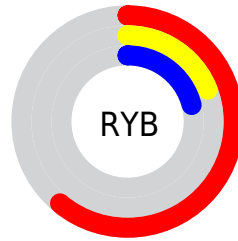
The XYZ color **15.2817, 9.4315, 4.5051** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.4936, 26.2978, 32.9577**, and the grayscale version is **7.8911, 8.3020, 9.0409**.

A 20% lighter version of the original color is **34.8319, 24.7385, 15.2511**, and **4.9902, 2.5655, 0.5488** is the 20% darker color. If you saturate the color by 10%, you get **14.4455, 8.2326, 2.7673**, and if you desaturate by 10%, it is **16.4466, 11.1195, 6.8724**.

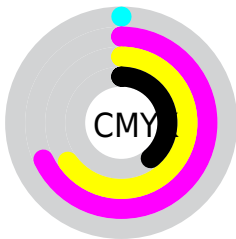
Distribution



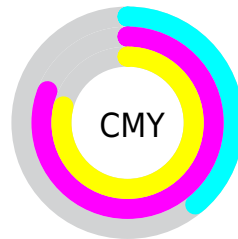
- Red (61%)
- Green (19%)
- Blue (21%)



- Red (61%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (65%)
- Black (39%)





- Cyan (39%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2817, 9.4315, 4.5051 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 15.2817, 9.4315, 4.5051 by changing the saturation by 10% instead.

 15.2817, 9.4315,
4.5051


 15.2817, 9.4315,
4.5051


218.4197,
186.5650, 153.6842


 9.1049, 5.0237,
1.9063


 34.9142, 24.7206,
15.1589


 4.8673, 2.2612,
0.4968

 49.1007, 36.3706,
24.0509


 2.2036, 0.7530,
0.0000

 66.6878, 51.2036,
35.8779

 0.7446, 0.0000,
0.0000

 88.0408, 69.6037,
51.0582

 0.0000, 0.0000,
0.0000

 113.5252, 91.9556,
70.0105

 143.5062,

118.6435, 93.1532

178.3493,
150.0518, 120.9049

■ 15.2817, 9.4315,
4.5051

■ 15.2817, 9.4315,
4.5051

■ 14.4455, 8.2326,
2.7673

■ 16.4466, 11.1195,
6.8724

■ 13.9036, 7.4692,
1.5984

■ 17.9689, 13.3397,
9.9211

■ 13.5978, 7.0442,
0.9213

■ 19.8747, 16.1322,
13.6984

■ 13.5575, 6.9845,
0.8433

■ 22.1877, 19.5328,
18.2470

■ 24.9296, 23.5746,
23.6064

■ 28.1205, 28.2880,
29.8134

■ 31.7793, 33.7017,
36.9025

■ 35.9238, 39.8427,
44.9062

■ 40.5709, 46.7363,
53.8557

Harmonies

Analogous

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



16.1402, 9.4315, 11.3939



15.2817, 9.4315, 4.5051



12.6106, 9.4315, 1.6972

Triad

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



15.2817, 9.4315, 4.5051



4.9338, 9.4315, 3.5041



8.5905, 9.4315, 37.6066

Complementary

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



15.2817, 9.4315, 4.5051



18.4936, 26.2978, 32.9577

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.



6.0989, 9.4315, 31.3863



15.2817, 9.4315, 4.5051



4.3108, 9.4315, 9.2212

Square

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



15.2817, 9.4315, 4.5051



6.6211, 9.4315, 1.3908



4.6836, 9.4315, 19.5874



11.8040, 9.4315, 33.7291

Rectangle

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



15.2817, 9.4315, 4.5051



10.4215, 9.4315, 1.0865



4.6836, 9.4315, 19.5874



7.6498, 9.4315, 36.5663

Sweetspot

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



15.2819, 9.4320, 4.5053



43.0770, 39.9044, 39.2143



19.5374, 11.0193, 32.1073



9.4630, 8.6086, 8.3146



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.2819, 9.4320, 4.5053



25.3028, 13.9398, 3.7443



18.3193, 15.6850, 4.9684



6.2200, 6.2272, 6.5387



10.8936, 5.6117, 0.6988



0.1656, 0.0850, 0.0249

Inverse Universe

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



15.2819, 9.4320, 4.5053



25.3028, 13.9398, 3.7443



12.4726, 13.5983, 32.9774



6.2200, 6.2272, 6.5387



10.8936, 5.6117, 0.6988



0.1656, 0.0850, 0.0249

Previews

White Background



This preview shows how the XYZ color 15.2817, 9.4315, 4.5051 looks on a white background.

Color Contrast Check

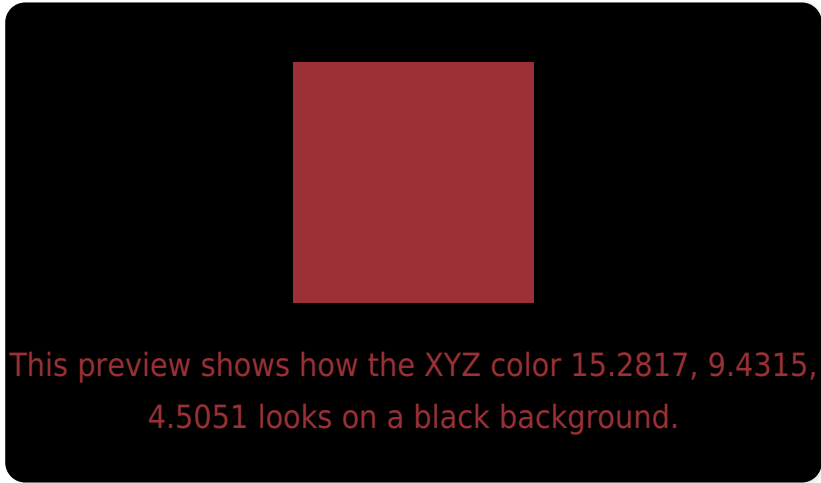
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2817, 9.4315, 4.5051

Background



This preview shows how black text looks on a background with the XYZ color 15.2817, 9.4315, 4.5051.

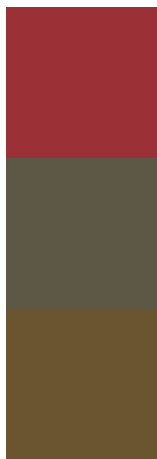


This preview shows how white text looks on a background with the XYZ color 15.2817, 9.4315,

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

15.2817, 9.4315, 4.5051

Protanopia

8.9966, 9.5732, 7.0039

Deuteranopia

9.7672, 9.6798, 4.1499



Tritanopia

15.2357, 9.4131, 4.2627

Trichromacy



Original Color

15.2817, 9.4315, 4.5051

Protanomaly

10.5104, 8.8483, 6.0044

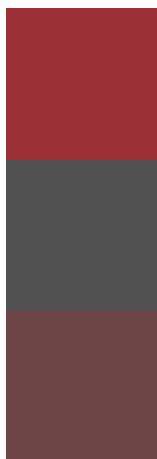
Deuteranomaly

11.1411, 9.0219, 4.1718

Tritanomaly

15.2585, 9.4222, 4.3826

Monochromacy



Original Color

15.2817, 9.4315, 4.5051

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.4498, 7.8993, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2817, 9.4315, 4.5051 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(155, 49, 54)` looks like.

```
.text, #text, p{  
    color:rgb(155, 49, 54)  
}
```

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(155, 49, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 49, 54) }
```

Border

The CSS property to change the border of an element to XYZ 15.2817, 9.4315, 4.5051 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(155, 49, 54) }
```


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

```
.border{ border-color:rgb(155, 49, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 49, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 49, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 49, 54);  
box-shadow:4px 4px 4px 4px rgb(155, 49,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2817, 9.4315, 4.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 49, 54) }
```

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

```
.background{ background-color: rgb(155, 49,  
54) }
```

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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