

Converting Colors

XYZ(15.5811, 10.4480, 4.2084)

Have a look what the booklet for
XYZ(15.5811, 10.4480, 4.2084)
contains.

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Color

**XYZ(15.5709, 10.4378,
4.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3D32
RGB	154, 61, 50
RGB Percent	60%, 24%, 20%
CMY	0.3961, 0.7608, 0.8039
CMYK	0.00, 0.60, 0.68, 0.40
HSL	6°, 51%, 40%
HSV	6°, 68%, 60%
XYZ	15.5709, 10.4378, 4.2116
YIQ	87.5530, 58.9590, 16.2950

Conversions

Conversions Part 2

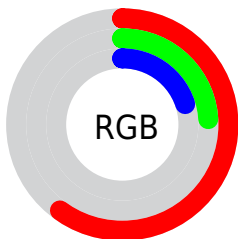
Format	Color
RYB	154, 62, 50
Decimal	10108210
CIELab	38.62, 38.17, 26.53
CIElCh	39, 46.483, 34.801
Yxy	10.4378, 0.5152, 0.3454
Android (android.graphics.Color)	4288298290 (0xFF9A3D32)
YUV	87.5530, -18.5136, 58.2740
Hunter-Lab	32.3076, 29.4912, 14.8863

Details

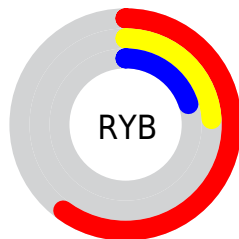
The XYZ color **15.5709, 10.4378, 4.2116** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.9697, 22.6544, 34.0500**, and the grayscale version is **9.2089, 9.6885, 10.5508**.

A 20% lighter version of the original color is **35.3924, 26.5975, 14.5777**, and **5.0114, 2.6609, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **14.6498, 9.0409, 2.5321**, and if you desaturate by 10%, it is **16.7931, 12.2581, 6.5430**.

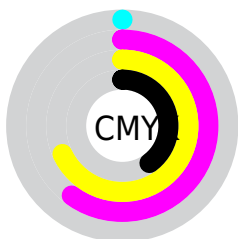
Distribution



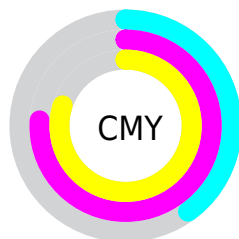
- Red (60%)
- Green (24%)
- Blue (20%)



- Red (60%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (68%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5709, 10.4378, 4.2116 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 15.5709, 10.4378, 4.2116 by changing the saturation by 10% instead.


 15.5709, 10.4378,
4.2116


 15.5709, 10.4378,
4.2116


220.1167,
193.7688, 150.5490


 9.3099, 5.6902,
1.7421


 35.4151, 26.6158,
14.4949


 5.0026, 2.6576,
0.3894

 49.7291, 38.8149,
23.1458


 2.2836, 0.9557,
0.0000

 67.4582, 54.2667,
34.6943

 0.7862, 0.0000,
0.0000

 88.9676, 73.3555,
49.5589

 0.0000, 0.0000,
0.0000

 114.6229, 96.4657,
68.1581

 144.7892,

123.9817, 90.9105

179.8321,
156.2880, 118.2346

■ 15.5709, 10.4378,
4.2116

■ 15.5709, 10.4378,
4.2116

■ 14.6498, 9.0409,
2.5321

■ 16.7931, 12.2581,
6.5430

■ 14.0025, 8.0314,
1.4373

■ 18.3388, 14.5306,
9.5835

■ 13.5920, 7.3679,
0.8149

■ 20.2295, 17.2833,
13.3845

■ 13.5161, 7.2494,
0.6869

■ 22.4842, 20.5418,
17.9927

■ 25.1208, 24.3296,
23.4508

■ 28.1559, 28.6689,
29.7987

■ 31.6051, 33.5806,
37.0736

■ 35.4833, 39.0843,
45.3106

■ 39.8044, 45.1990,
54.5432

Harmonies

Analogous

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



17.0045, 10.4378, 10.0138



15.5709, 10.4378, 4.2116



12.6391, 10.4378, 1.9257

Triad

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



15.5709, 10.4378, 4.2116



5.4969, 10.4378, 5.5999



10.4208, 10.4378, 37.7378

Complementary

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



15.5709, 10.4378, 4.2116



16.9697, 22.6544, 34.0500

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.



7.6232, 10.4378, 34.4075



15.5709, 10.4378, 4.2116



5.1415, 10.4378, 12.8326

Square

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



15.5709, 10.4378, 4.2116



6.9307, 10.4378, 2.3900



5.8354, 10.4378, 23.9304



13.6669, 10.4378, 31.5431

Rectangle

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



15.5709, 10.4378, 4.2116



10.4629, 10.4378, 1.4935



5.8354, 10.4378, 23.9304



9.3978, 10.4378, 37.7151

Sweetspot

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



15.5711, 10.4384, 4.2118



44.1874, 42.1221, 39.5937



19.4705, 11.1526, 27.3519



9.7142, 9.1215, 8.3665



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.



15.5711, 10.4384, 4.2118



25.9550, 15.4059, 3.4628



19.7405, 18.7771, 5.6016



6.2588, 6.3227, 6.4964



11.0260, 5.9344, 0.5643



0.1770, 0.1130, 0.0125

Inverse Universe

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



16.9697, 22.6544, 34.0500



28.5836, 39.0125, 61.5599



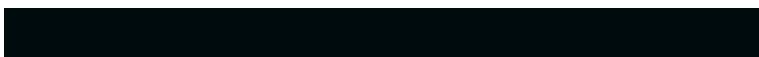
10.9407, 10.5964, 32.0404



6.3287, 6.9148, 7.9301



12.1375, 16.6717, 27.4860



0.1954, 0.2771, 0.4156

Previews

White Background



This preview shows how the XYZ color 15.5709, 10.4378, 4.2116 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



This preview shows how the XYZ color 15.5709, 10.4378, 4.2116 looks on a 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 15.5709, 10.4378, 4.2116

Background



This preview shows how black text looks on a background with the XYZ color 15.5709, 10.4378, 4.2116.



This preview shows how white text looks on a background with the XYZ color 15.5709, 10.4378,

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

15.5709, 10.4378, 4.2116

Protanopia

9.8150, 10.6439, 5.9520

Deuteranopia

10.6919, 10.5166, 3.9490



Tritanopia

15.9787, 10.4554, 5.8785

Trichromacy



Original Color

15.5709, 10.4378, 4.2116

Protanomaly

11.2887, 10.1022, 5.2258

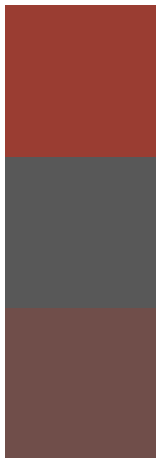
Deuteranomaly

12.1396, 10.2432, 4.0266

Tritanomaly

15.8971, 10.5058, 5.1929

Monochromacy



Original Color

15.5709, 10.4378, 4.2116

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.6425, 9.3879, 7.7297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5709, 10.4378, 4.2116 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(154, 61, 50)` looks like.

```
.text, #text, p{  
    color:rgb(154, 61, 50)  
}
```

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(154, 61, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 61, 50) }
```

Border

The CSS property to change the border of an element to XYZ 15.5709, 10.4378, 4.2116 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(154, 61, 50) }
```


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

```
.border{ border-color:rgb(154, 61, 50) }
```

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

Here you see how a box with a 4 pixel rgb(154, 61, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 61, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 61, 50);  
box-shadow:4px 4px 4px 4px rgb(154, 61,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5709, 10.4378, 4.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 61, 50) }
```

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

```
.background{ background-color: rgb(154, 61,  
50) }
```

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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