

Converting Colors

XYZ(15.3969, 13.8159, 3.1612)

Have a look what the booklet for
XYZ(15.3969, 13.8159, 3.1612)
contains.

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Color

**XYZ(15.4054, 13.8551,
3.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5E1F
RGB	142, 94, 31
RGB Percent	56%, 37%, 12%
CMY	0.4431, 0.6314, 0.8784
CMYK	0.00, 0.34, 0.78, 0.44
HSL	34°, 64%, 34%
HSV	34°, 78%, 56%
XYZ	15.4054, 13.8551, 3.1587
YIQ	101.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

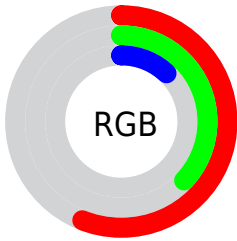
Format	Color
R_{YB}	116, 142, 31
Decimal	9330207
CIE _{Lab}	44.02, 13.89, 42.04
CIE _{LCh}	44, 44.272, 71.718
Yxy	13.8551, 0.4752, 0.4274
Android (android.graphics.Color)	4287520287 (0xFF8E5E1F)
YUV	101.1700, -34.5938, 35.8079
Hunter-Lab	37.2224, 8.7372, 21.0244

Details

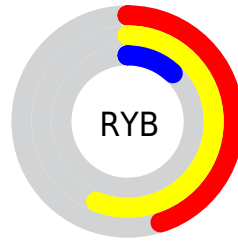
The XYZ color **15.4054, 13.8551, 3.1587** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.2435, 7.8361, 26.6692**, and the grayscale version is **12.4918, 13.1423, 14.3120**.

A 20% lighter version of the original color is **34.9744, 32.6678, 12.0516**, and **5.0815, 4.1886, 0.5407** is the 20% darker color. If you saturate the color by 10%, you get **14.7335, 12.7477, 2.2063**, and if you desaturate by 10%, it is **16.2039, 15.0838, 4.5605**.

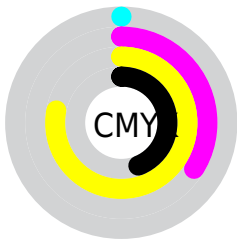
Distribution



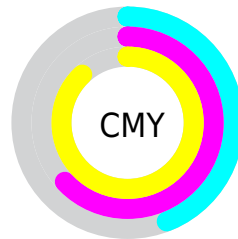
- Red (56%)
- Green (37%)
- Blue (12%)



- Red (45%)
- Yellow (56%)
- Blue (12%)



- Cyan (0%)
- Magenta (34%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4054, 13.8551, 3.1587 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 15.4054, 13.8551, 3.1587 by changing the saturation by 10% instead.

■ 15.4054, 13.8551,
3.1587

■ 15.4054, 13.8551,
3.1587

219.1471,
216.3275, 138.3569

■ 9.1926, 8.0200,
1.1762

■ 35.1287, 32.8317,
12.0176

■ 4.9251, 4.1077,
0.0000

■ 49.3698, 46.7420,
19.7311

■ 2.2377, 1.7340,
0.0000

■ 67.0178, 64.1127,
30.1920

■ 0.7625, 0.4455,
0.0000

■ 88.4379, 85.3283,
43.8189

■ 0.0000, 0.0000,
0.0000

■ 113.9955,
110.7732, 61.0303

■ 144.0560,

140.8318, 82.2447

178.9848,
175.8884, 107.8808

15.4054, 13.8551,
3.1587

15.4054, 13.8551,
3.1587

14.7335, 12.7477,
2.2063

16.2039, 15.0838,
4.5605

14.1661, 11.7494,
1.5960

17.1386, 16.4375,
6.4621

14.0680, 11.5761,
1.4929

18.2191, 17.9221,
8.9076

19.4537, 19.5423,
11.9364

20.8500, 21.3027,
15.5839

■ 22.4150, 23.2074,
19.8829

■ 24.1552, 25.2604,
24.8636

■ 26.0768, 27.4654,
30.5546

■ 28.1857, 29.8261,
36.9825

Harmonies

Analogous

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



18.8868, 13.8551, 5.5218



15.4054, 13.8551, 3.1587



11.8431, 13.8551, 2.9607

Triad

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



15.4054, 13.8551, 3.1587



7.5967, 13.8551, 19.3692



18.1991, 13.8551, 34.6429

Complementary

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



15.4054, 13.8551, 3.1587



8.2435, 7.8361, 26.6692

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.



14.5900, 13.8551, 43.0922



15.4054, 13.8551, 3.1587



8.7399, 13.8551, 31.9851

Square

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



15.4054, 13.8551, 3.1587



7.7364, 13.8551, 9.7910



11.1600, 13.8551, 41.9472



20.6872, 13.8551, 22.0108

Rectangle

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



15.4054, 13.8551, 3.1587



9.9250, 13.8551, 3.8829



11.1600, 13.8551, 41.9472



17.0522, 13.8551, 38.2749

Sweetspot

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



15.4057, 13.8558, 3.1590



38.0235, 39.1084, 30.8893



13.0603, 7.2969, 8.1366



8.2990, 8.4977, 6.3719



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.4057, 13.8558, 3.1590



25.1978, 21.0968, 3.0611



19.8478, 24.5627, 4.9915



5.6469, 5.9001, 5.7306



12.6495, 10.4306, 1.3466



0.1429, 0.1436, 0.0202

Inverse Universe

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



8.2435, 7.8361, 26.6692



12.0474, 10.1138, 46.4451



6.1868, 3.3528, 25.9122



5.3094, 5.6146, 6.8326



5.9191, 4.8242, 23.5963



0.0778, 0.0886, 0.2327

Previews

White Background



This preview shows how the XYZ color 15.4054, 13.8551, 3.1587 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 15.4054, 13.8551, 3.1587 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 15.4054, 13.8551, 3.1587

Background



This preview shows how black text looks on a background with the XYZ color 15.4054, 13.8551, 3.1587.



This preview shows how white text looks on a background with the XYZ color 15.4054, 13.8551,

3.1587.

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

15.4054, 13.8551, 3.1587

Protanopia

12.6764, 14.0006, 3.5476

Deuteranopia

14.0437, 13.8377, 3.0932



Tritanopia

17.3642, 13.8986, 12.3572

Trichromacy



Original Color

15.4054, 13.8551, 3.1587

Protanomaly

13.5324, 13.8528, 3.3995

Deuteranomaly

14.5007, 13.7940, 3.1265

Tritanomaly

16.4705, 13.7870, 7.7543

Monochromacy



Original Color

15.4054, 13.8551, 3.1587

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8746, 12.9702, 8.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4054, 13.8551, 3.1587 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(142, 94, 31)` looks like.

```
.text, #text, p{  
    color:rgb(142, 94, 31)  
}
```

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(142, 94, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 94, 31) }
```

Border

The CSS property to change the border of an element to XYZ 15.4054, 13.8551, 3.1587 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(142, 94, 31) }
```


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

```
.border{ border-color:rgb(142, 94, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 94, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 94, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 94, 31);  
box-shadow:4px 4px 4px 4px rgb(142, 94,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4054, 13.8551, 3.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 94, 31) }
```

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

```
.background{ background-color: rgb(142, 94,  
31) }
```

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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