

Converting Colors

XYZ(15.1357, 11.8645, 3.3594)

Have a look what the booklet for
XYZ(15.1357, 11.8645, 3.3594)
contains.

XYZ(15.1785, 11.9349, 3.3374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1785, 11.9349,
3.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	934F26
RGB	147, 79, 38
RGB Percent	58%, 31%, 15%
CMY	0.4235, 0.6902, 0.8510
CMYK	0.00, 0.46, 0.74, 0.42
HSL	23°, 59%, 36%
HSV	23°, 74%, 58%
XYZ	15.1785, 11.9349, 3.3374
YIQ	94.6580, 53.6890, 1.6650

Conversions

Conversions Part 2

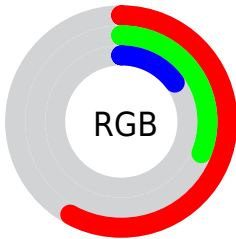
Format	Color
R_{YB}	147, 104, 38
Decimal	9654054
CIE Lab	41.11, 25.09, 35.88
CIE LCh	41, 43.784, 55.030
Yxy	11.9349, 0.4985, 0.3919
Android (android.graphics.Color)	4287844134 (0xFF934F26)
YUV	94.6580, -27.9324, 45.9039
Hunter-Lab	34.5469, 17.9685, 18.4551

Details

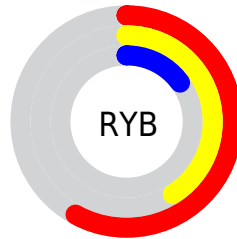
The XYZ color **15.1785, 11.9349, 3.3374** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2196, 12.8262, 29.4882**, and the grayscale version is **10.8514, 11.4165, 12.4325**.

A 20% lighter version of the original color is **34.6668, 29.3355, 12.4295**, and **4.8309, 3.2572, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **14.3701, 10.6257, 2.1201**, and if you desaturate by 10%, it is **16.1724, 13.4654, 5.0790**.

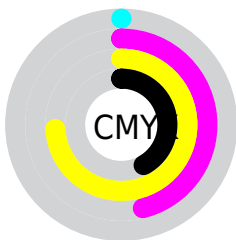
Distribution



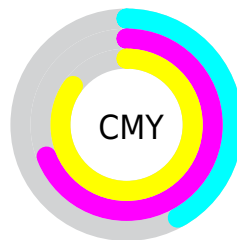
- Red (58%)
- Green (31%)
- Blue (15%)



- Red (58%)
- Yellow (41%)
- Blue (15%)



- Cyan (0%)
- Magenta (46%)
- Yellow (74%)
- Black (42%)



- Cyan (42%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1785, 11.9349, 3.3374 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 15.1785, 11.9349, 3.3374 by changing the saturation by 10% instead.

■ 15.1785, 11.9349,
3.3374

■ 15.1785, 11.9349,
3.3374

217.8111,
203.9738, 140.5483

■ 9.0319, 6.6994,
1.2694

■ 34.7351, 29.3765,
12.4502

■ 4.8193, 3.2748,
0.0365

■ 48.8758, 42.3513,
20.3321

■ 2.1753, 1.2768,
0.0000

■ 66.4119, 58.6747,
30.9891

■ 0.7297, 0.1232,
0.0000

■ 87.7088, 78.7311,
44.8396

■ 0.0000, 0.0000,
0.0000

■ 113.1318,
102.9047, 62.3022

■ 143.0463,

131.5802, 83.7955

177.8176,
165.1417, 109.7380

15.1785, 11.9349,
3.3374

15.1785, 11.9349,
3.3374

14.3701, 10.6257,
2.1201

16.1724, 13.4654,
5.0790

13.7306, 9.5236,
1.3615

17.3644, 15.2263,
7.3973

13.4130, 8.9638,
1.0232

18.7667, 17.2283,
10.3391

20.3902, 19.4807,
13.9462

22.2449, 21.9924,
18.2566

■ 24.3401, 24.7718,
23.3054

■ 26.6849, 27.8269,
29.1255

■ 29.2874, 31.1653,
35.7477

■ 32.1556, 34.7942,
43.2010

Harmonies

Analogous

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



17.7593, 11.9349, 6.9542



15.1785, 11.9349, 3.3374



11.8763, 11.9349, 2.2460

Triad

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



15.1785, 11.9349, 3.3374



6.3192, 11.9349, 11.5504



14.1021, 11.9349, 35.8793

Complementary

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



15.1785, 11.9349, 3.3374



11.2196, 12.8262, 29.4882

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.



10.8274, 11.9349, 39.0436



15.1785, 11.9349, 3.3374



6.6958, 11.9349, 21.7954

Square

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



15.1785, 11.9349, 3.3374



7.0716, 11.9349, 5.3767



8.2163, 11.9349, 33.0041



17.0616, 11.9349, 25.6773

Rectangle

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



15.1785, 11.9349, 3.3374



9.8454, 11.9349, 2.4138



8.2163, 11.9349, 33.0041



12.9869, 11.9349, 37.9549

Sweetspot

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



15.1788, 11.9355, 3.3376



40.4432, 40.1955, 34.1340



15.3814, 8.6516, 14.7785



9.0353, 8.9121, 7.3247



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.1788, 11.9355, 3.3376



24.9383, 17.6707, 2.8077



20.6972, 22.9724, 5.1771



5.9689, 6.1516, 6.1132



11.6507, 7.8158, 0.8945



0.1693, 0.1491, 0.0199

Inverse Universe

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



11.2196, 12.8262, 29.4882



17.3594, 19.1682, 52.2195



7.3178, 5.0227, 28.1876



5.7826, 6.1993, 7.3615



7.8856, 8.4660, 25.1495



0.1249, 0.1605, 0.3173

Previews

White Background



This preview shows how the XYZ color 15.1785, 11.9349, 3.3374 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 15.1785, 11.9349, 3.3374 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 15.1785, 11.9349, 3.3374

Background



This preview shows how black text looks on a background with the XYZ color 15.1785, 11.9349, 3.3374.



This preview shows how white text looks on a background with the XYZ color 15.1785, 11.9349,

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

15.1785, 11.9349, 3.3374

Protanopia

10.9881, 12.0979, 4.0415

Deuteranopia

12.2291, 12.0818, 3.2008



Tritanopia

16.2912, 11.8663, 9.0212

Trichromacy



Original Color

15.1785, 11.9349, 3.3374

Protanomaly

12.1674, 11.7798, 3.7303

Deuteranomaly

13.1532, 11.9261, 3.1988

Tritanomaly

15.7513, 11.8464, 6.4574

Monochromacy



Original Color

15.1785, 11.9349, 3.3374

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7478, 11.2166, 8.0244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1785, 11.9349, 3.3374 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(147, 79, 38)` looks like.

```
.text, #text, p{  
    color:rgb(147, 79, 38)  
}
```

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(147, 79, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 79, 38) }
```

Border

The CSS property to change the border of an element to XYZ 15.1785, 11.9349, 3.3374 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(147, 79, 38) }
```


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

```
.border{ border-color:rgb(147, 79, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 79, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 79, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 79, 38);  
box-shadow:4px 4px 4px 4px rgb(147, 79,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1785, 11.9349, 3.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 79, 38) }
```

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

```
.background{ background-color: rgb(147, 79,  
38) }
```

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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