

Converting Colors

XYZ(16.8169, 14.9936, 3.2164)

Have a look what the booklet for
XYZ(16.8169, 14.9936, 3.2164)
contains.

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Color

**XYZ(16.9035, 15.0327,
3.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	95611E
RGB	149, 97, 30
RGB Percent	58%, 38%, 12%
CMY	0.4157, 0.6196, 0.8823
CMYK	0.00, 0.35, 0.80, 0.42
HSL	34°, 66%, 35%
HSV	34°, 80%, 58%
XYZ	16.9035, 15.0327, 3.2390
YIQ	104.9100, 52.4990, -9.8130

Conversions

Conversions Part 2

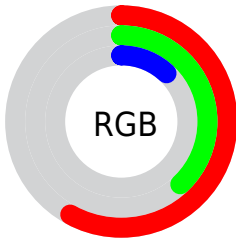
Format	Color
R_{YB}	122, 149, 30
Decimal	9789726
CIE _{Lab}	45.68, 15.32, 44.37
CIE _{LCh}	46, 46.944, 70.951
Yxy	15.0327, 0.4806, 0.4274
Android (android.graphics.Color)	4287979806 (0xFF95611E)
YUV	104.9100, -36.9306, 38.6669
Hunter-Lab	38.7720, 9.9699, 22.1874

Details

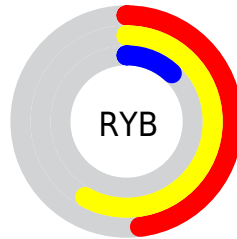
The XYZ color **16.9035, 15.0327, 3.2390** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9774, 8.4802, 29.5973**, and the grayscale version is **13.4902, 14.1927, 15.4559**.

A 20% lighter version of the original color is **37.7333, 35.0097, 12.1659**, and **5.7567, 4.6609, 0.5962** is the 20% darker color. If you saturate the color by 10%, you get **16.1793, 13.8202, 2.2706**, and if you desaturate by 10%, it is **17.7678, 16.3815, 4.6983**.

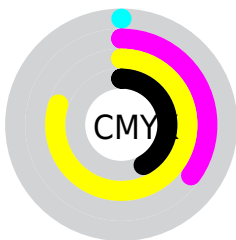
Distribution



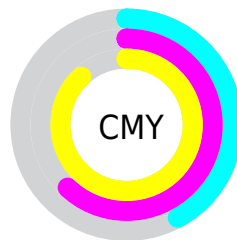
- Red (58%)
- Green (38%)
- Blue (12%)



- Red (48%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (35%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9035, 15.0327, 3.2390 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 16.9035, 15.0327, 3.2390 by changing the saturation by 10% instead.

■ 16.9035, 15.0327,
3.2390

■ 16.9035, 15.0327,
3.2390

227.7828,
223.5641, 139.3487

■ 10.2606, 8.8423,
1.2179

■ 37.7047, 34.9105,
12.2127

■ 5.6357, 4.6385,
0.0000

■ 52.5937, 49.3668,
20.0024

■ 2.6634, 2.0368,
0.0000

■ 70.9621, 67.3471,
30.5521

■ 0.9784, 0.6287,
0.0000

■ 93.1753, 89.2360,
44.2802

■ 0.0000, 0.0000,
0.0000

■ 119.5986,
115.4177, 61.6055

■ 150.5974,

146.2767, 82.9463

186.5370,
182.1973, 108.7212

16.9035, 15.0327,
3.2390

16.9035, 15.0327,
3.2390

16.1793, 13.8202,
2.2706

17.7678, 16.3815,
4.6983

15.5645, 12.7280,
1.6422

18.7834, 17.8710,
6.7071

15.5565, 12.7139,
1.6341

19.9615, 19.5081,
9.3167

21.3116, 21.2984,
12.5721

22.8425, 23.2468,
16.5140

■ 24.5620, 25.3584,
21.1798

■ 26.4777, 27.6376,
26.6040

■ 28.5968, 30.0887,
32.8190

■ 30.9257, 32.7160,
39.8552

Harmonies

Analogous

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



20.8009, 15.0327, 5.8750



16.9035, 15.0327, 3.2390



12.8980, 15.0327, 2.9773

Triad

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



16.9035, 15.0327, 3.2390



8.0710, 15.0327, 20.8409



19.8451, 15.0327, 38.8046

Complementary

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



16.9035, 15.0327, 3.2390



8.9774, 8.4802, 29.5973

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.



15.7747, 15.0327, 48.2057



16.9035, 15.0327, 3.2390



9.3001, 15.0327, 35.0819

Square

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



16.9035, 15.0327, 3.2390



8.2615, 15.0327, 10.2637



11.9575, 15.0327, 46.5961



22.7030, 15.0327, 24.5110

Rectangle

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



16.9035, 15.0327, 3.2390



10.7383, 15.0327, 3.9278



11.9575, 15.0327, 46.5961



18.5450, 15.0327, 42.8838

Sweetspot

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



16.9038, 15.0335, 3.2393



42.5211, 43.6288, 33.9025



14.4414, 7.9513, 9.0692



9.2058, 9.4006, 6.9269



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.



16.9038, 15.0335, 3.2393



28.0896, 23.1604, 3.2125



22.3181, 27.4326, 5.3472



6.0554, 6.3246, 6.1421



13.1230, 10.7603, 1.3853



0.1900, 0.1905, 0.0268

Inverse Universe

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



8.9774, 8.4802, 29.5973



13.3883, 11.0883, 52.3559



6.6150, 3.4728, 28.7553



5.6955, 6.0250, 7.3325



6.1904, 5.0756, 24.5845



0.1043, 0.1191, 0.3104

Previews

White Background



This preview shows how the XYZ color 16.9035, 15.0327, 3.2390 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 16.9035, 15.0327, 3.2390 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 16.9035, 15.0327, 3.2390

Background



This preview shows how black text looks on a background with the XYZ color 16.9035, 15.0327, 3.2390.



This preview shows how white text looks on a background with the XYZ color 16.9035, 15.0327,

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

16.9035, 15.0327, 3.2390

Protanopia

13.7692, 15.1847, 3.6441

Deuteranopia

15.3646, 15.0980, 3.1413



Tritanopia

19.0356, 15.1175, 13.2240

Trichromacy



Original Color

16.9035, 15.0327, 3.2390

Protanomaly

14.8280, 15.1130, 3.5021

Deuteranomaly

15.8478, 15.0539, 3.1690

Tritanomaly

18.0658, 14.9851, 8.2436

Monochromacy



Original Color

16.9035, 15.0327, 3.2390

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0117, 14.1177, 9.1942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9035, 15.0327, 3.2390 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(149, 97, 30)` looks like.

```
.text, #text, p{  
    color:rgb(149, 97, 30)  
}
```

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(149, 97, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 97, 30) }
```

Border

The CSS property to change the border of an element to XYZ 16.9035, 15.0327, 3.2390 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(149, 97, 30) }
```


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

```
.border{ border-color:rgb(149, 97, 30) }
```

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

Here you see how a box with a 4 pixel rgb(149, 97, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 97, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 97, 30);  
box-shadow:4px 4px 4px 4px rgb(149, 97,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9035, 15.0327, 3.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 97, 30) }
```

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

```
.background{ background-color: rgb(149, 97,  
30) }
```

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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