

Converting Colors

XYZ(11.0589, 9.6107, 2.5717)

Have a look what the booklet for
XYZ(11.0589, 9.6107, 2.5717)
contains.

XYZ(11.0696, 9.6176, 2.5693)	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(11.0696, 9.6176,
2.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4D1F
RGB	123, 77, 31
RGB Percent	48%, 30%, 12%
CMY	0.5176, 0.6980, 0.8784
CMYK	0.00, 0.37, 0.75, 0.52
HSL	30°, 60%, 30%
HSV	30°, 75%, 48%
XYZ	11.0696, 9.6176, 2.5693
YIQ	85.5100, 42.1820, -4.5540

Conversions

Conversions Part 2

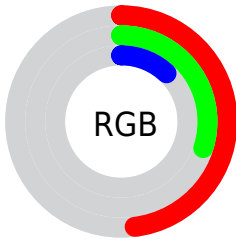
Format	Color
R_{YB}	123, 123, 31
Decimal	8080671
CIE _{Lab}	37.15, 15.09, 34.27
CIE _{LCh}	37, 37.444, 66.230
Yxy	9.6176, 0.4760, 0.4135
Android (android.graphics.Color)	4286270751 (0xFF7B4D1F)
YUV	85.5100, -26.8734, 32.8787
Hunter-Lab	31.0123, 9.4428, 16.7965

Details

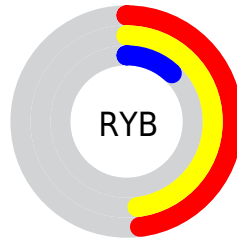
The XYZ color **11.0696, 9.6176, 2.5693** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.7940, 7.0289, 19.7375**, and the grayscale version is **8.7906, 9.2484, 10.0715**.

A 20% lighter version of the original color is **27.4264, 25.0555, 10.5984**, and **3.0423, 2.3351, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **10.5273, 8.7448, 1.7359**, and if you desaturate by 10%, it is **11.7149, 10.5975, 3.7427**.

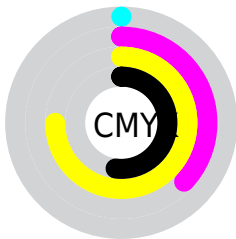
Distribution



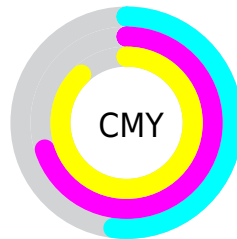
- Red (48%)
- Green (30%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0696, 9.6176, 2.5693 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 11.0696, 9.6176, 2.5693 by changing the saturation by 10% instead.

■ 11.0696, 9.6176,
2.5693

■ 11.0696, 9.6176,
2.5693

192.0429,
187.9206, 130.6704

■ 6.1813, 5.1462,
0.8765

■ 27.4206, 25.0737,
10.5458

■ 2.9973, 2.3333,
0.0000

■ 39.6140, 36.8272,
17.6692

■ 1.1524, 0.7912,
0.0000

■ 54.9732, 51.7768,
27.4408

■ 0.0682, 0.0000,
0.0000


■ 73.8635, 70.3069,
40.2791


■ 0.0000, 0.0000,
0.0000

■ 96.6503, 92.8020,
56.6027


■ 123.6988,


119.6463, 76.8301


 155.3746,
151.2244, 101.3798


 11.0696, 9.6176,
2.5693


 11.0696, 9.6176,
2.5693


 10.5273, 8.7448,
1.7359


 11.7149, 10.5975,
3.7427

 10.0768, 7.9717,
1.1914

 12.4701, 11.6878,
5.2892

 9.8641, 7.6024,
0.9475

 13.3418, 12.8932,
7.2386

 14.3362, 14.2178,
9.6173

 15.4586, 15.6653,
12.4495

■ 16.7142, 17.2392,
15.7578

■ 18.1079, 18.9429,
19.5630

■ 19.6441, 20.7797,
23.8847

■ 21.3273, 22.7527,
28.7416

Harmonies

Analogous

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



13.2547, 9.6176, 4.5695



11.0696, 9.6176, 2.5693



8.6634, 9.6176, 2.1923

Triad

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



11.0696, 9.6176, 2.5693



5.3701, 9.6176, 11.9278



12.0547, 9.6176, 24.6157

Complementary

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



11.0696, 9.6176, 2.5693



6.7940, 7.0289, 19.7375

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.



9.6364, 9.6176, 29.1196



11.0696, 9.6176, 2.5693



5.9812, 9.6176, 20.0393

Square

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



11.0696, 9.6176, 2.5693



5.6220, 9.6176, 6.1031



7.4509, 9.6176, 27.1617



13.8877, 9.6176, 16.5452

Rectangle

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



11.0696, 9.6176, 2.5693



7.2998, 9.6176, 2.6617



7.4509, 9.6176, 27.1617



11.2690, 9.6176, 26.7243

Sweetspot

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



11.0698, 9.6181, 2.5695



28.1682, 28.6680, 23.5539



9.9980, 5.7268, 7.5998



6.5236, 6.6118, 5.2608



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.0698, 9.6181, 2.5695



18.2410, 14.6173, 2.3528



15.4987, 18.4758, 4.0458



4.1484, 4.3153, 4.2388



10.1989, 7.8537, 0.9784



47.7985, 35.7605, 4.3832

Inverse Universe

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



6.7940, 7.0289, 19.7375



10.1358, 9.7093, 34.8965



4.6303, 2.7015, 19.0163



3.9478, 4.1938, 5.0446



5.4469, 4.9762, 20.0587



25.1309, 22.0345, 95.3983

Previews

White Background



This preview shows how the XYZ color 11.0696, 9.6176, 2.5693 looks on a white background.

Color Contrast Check

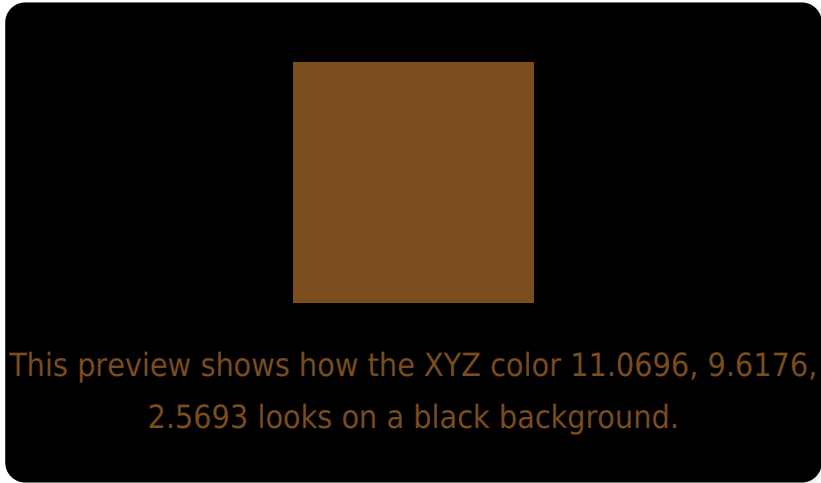
Large Text (above 18pt) WCAG AA ✓ Pass

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

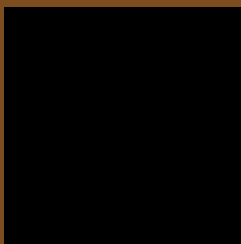
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0696, 9.6176, 2.5693

Background



This preview shows how black text looks on a background with the XYZ color 11.0696, 9.6176, 2.5693.



This preview shows how white text looks on a background with the XYZ color 11.0696, 9.6176,

2.5693.

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

11.0696, 9.6176, 2.5693

Protanopia

8.8155, 9.6916, 2.9194

Deuteranopia

9.7454, 9.5902, 2.4999



Tritanopia

12.2967, 9.6204, 8.4165

Trichromacy



Original Color

11.0696, 9.6176, 2.5693

Protanomaly

9.5082, 9.5763, 2.7861

Deuteranomaly

10.2470, 9.6234, 2.5457

Tritanomaly

11.7485, 9.5945, 5.6476

Monochromacy



Original Color

11.0696, 9.6176, 2.5693

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.2222, 9.2325, 6.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0696, 9.6176, 2.5693 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(123, 77, 31)` looks like.

```
.text, #text, p{  
    color:rgb(123, 77, 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(123, 77, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 77, 31) }
```

Border

The CSS property to change the border of an element to XYZ 11.0696, 9.6176, 2.5693 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(123, 77, 31) }
```


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

```
.border{ border-color:rgb(123, 77, 31) }
```

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

Here you see how a box with a 4 pixel rgb(123, 77, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 77, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 77, 31);  
box-shadow:4px 4px 4px 4px rgb(123, 77,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0696, 9.6176, 2.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 77, 31) }
```

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

```
.background{ background-color: rgb(123, 77,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor