

Converting Colors

XYZ(11.2994, 10.0509, 5.4212)

Have a look what the booklet for
XYZ(11.2994, 10.0509, 5.4212)
contains.

XYZ(11.3396, 10.1226, 5.4939)	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(11.3396, 10.1226,
5.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	77513B
RGB	119, 81, 59
RGB Percent	47%, 32%, 23%
CMY	0.5333, 0.6823, 0.7686
CMYK	0.00, 0.32, 0.50, 0.53
HSL	22°, 34%, 35%
HSV	22°, 50%, 47%
XYZ	11.3396, 10.1226, 5.4939
YIQ	89.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

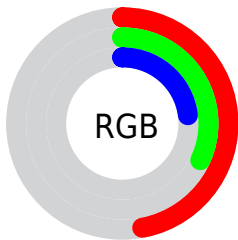
Format	Color
R_{YB}	119, 94, 59
Decimal	7819579
CIE _{Lab}	38.06, 13.12, 19.31
CIE _{LCh}	38, 23.342, 55.799
Yxy	10.1226, 0.4207, 0.3755
Android (android.graphics.Color)	4286009659 (0xFF77513B)
YUV	89.8540, -15.2110, 25.5610
Hunter-Lab	31.8160, 7.9414, 12.0332

Details

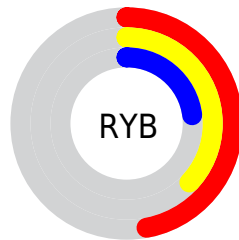
The XYZ color **11.3396, 10.1226, 5.4939** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **9.4079, 10.8106, 19.0435**, and the grayscale version is **9.7141, 10.2200, 11.1295**.

A 20% lighter version of the original color is **27.8701, 25.9110, 17.4423**, and **3.1083, 2.5281, 0.8144** is the 20% darker color. If you saturate the color by 10%, you get **10.5362, 8.9547, 3.8731**, and if you desaturate by 10%, it is **12.2761, 11.4440, 7.5065**.

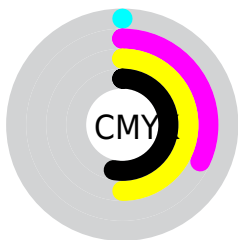
Distribution



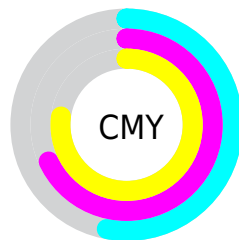
- Red (47%)
- Green (32%)
- Blue (23%)



- Red (47%)
- Yellow (37%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3396, 10.1226, 5.4939 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 11.3396, 10.1226, 5.4939 by changing the saturation by 10% instead.

■ 11.3396, 10.1226,
5.4939

■ 11.3396, 10.1226,
5.4939

193.8434,
191.5449, 163.6113

■ 6.3647, 5.4803,
2.4761

■ 27.9139, 26.0258,
17.3302

■ 3.1108, 2.5317,
0.8275

■ 40.2440, 38.0556,
26.9858

■ 1.2127, 0.8925,
0.0000

■ 55.7565, 53.3166,
39.6910

■ 0.1163, 0.0000,
0.0000

■ 74.8169, 72.1934,
55.8645

■ 0.0000, 0.0000,
0.0000

■ 97.7904, 95.0701,
75.9247

■ 125.0424,

122.3314, 100.2902

156.9383,
154.3615, 129.3796

■ 11.3396, 10.1226,
5.4939

■ 11.3396, 10.1226,
5.4939

■ 10.5362, 8.9547,
3.8731

■ 12.2761, 11.4440,
7.5065

■ 9.8583, 7.9329,
2.6174

■ 13.3511, 12.9229,
9.9341

■ 9.2985, 7.0511,
1.6975

■ 14.5710, 14.5654,
12.7988

■ 8.8482, 6.3024,
1.0791

■ 15.9412, 16.3762,
16.1208

■ 8.4950, 5.6965,
0.6518

■ 17.4668, 18.3604,
19.9193

■ 19.1529, 20.5224,
24.2122

■ 21.0042, 22.8667,
29.0165

■ 23.0252, 25.3977,
34.3483

■ 25.2201, 28.1193,
40.2232

Harmonies

Analogous

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



12.4661, 10.1226, 7.7966



11.3396, 10.1226, 5.4939



9.8346, 10.1226, 4.6545

Triad

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



11.3396, 10.1226, 5.4939



7.0162, 10.1226, 10.4263



10.9352, 10.1226, 20.2838

Complementary

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



11.3396, 10.1226, 5.4939



9.4079, 10.8106, 19.0435

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.



9.4110, 10.1226, 21.5139



11.3396, 10.1226, 5.4939



7.2459, 10.1226, 15.0325

Square

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



11.3396, 10.1226, 5.4939



7.4226, 10.1226, 6.9919



8.0859, 10.1226, 19.3865



12.2161, 10.1226, 16.3620

Rectangle

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



11.3396, 10.1226, 5.4939



8.8553, 10.1226, 4.8200



8.0859, 10.1226, 19.3865



10.4301, 10.1226, 21.0633

Sweetspot

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



11.3398, 10.1231, 5.4941



27.2947, 27.6782, 25.8117



11.3294, 7.9130, 12.2395



6.3702, 6.4292, 5.8791



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.3398, 10.1231, 5.4941



18.5905, 15.6241, 6.4036



14.0816, 15.6065, 6.4080



3.7838, 3.9005, 3.8957



9.0169, 6.0349, 0.6896



43.1848, 27.8981, 3.1088

Inverse Universe

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



9.4079, 10.8106, 19.0435



14.6741, 16.9815, 33.7574



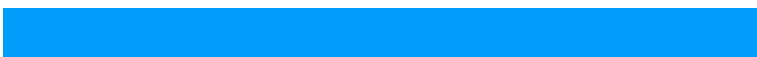
7.1407, 6.2762, 18.2877



3.6758, 3.9402, 4.6570



6.2277, 6.7950, 19.5259



29.5104, 31.4374, 94.8729

Previews

White Background



This preview shows how the XYZ color 11.3396, 10.1226, 5.4939 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 11.3396, 10.1226, 5.4939 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 11.3396, 10.1226, 5.4939

Background



This preview shows how black text looks on a background with the XYZ color 11.3396, 10.1226, 5.4939.



This preview shows how white text looks on a background with the XYZ color 11.3396, 10.1226,

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

11.3396, 10.1226, 5.4939

Protanopia

9.4831, 10.2126, 6.1740

Deuteranopia

10.2759, 10.1492, 5.4204



Tritanopia

12.2098, 10.1538, 9.7039

Trichromacy



Original Color

11.3396, 10.1226, 5.4939

Protanomaly

10.1034, 10.1674, 5.9874

Deuteranomaly

10.6161, 10.0909, 5.3912

Tritanomaly

11.8117, 10.0930, 7.9822

Monochromacy



Original Color

11.3396, 10.1226, 5.4939

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.1863, 10.1476, 8.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3396, 10.1226, 5.4939 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(119, 81, 59)` looks like.

```
.text, #text, p{  
    color:rgb(119, 81, 59)  
}
```

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(119, 81, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 81, 59) }
```

Border

The CSS property to change the border of an element to XYZ 11.3396, 10.1226, 5.4939 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(119, 81, 59) }
```


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

```
.border{ border-color:rgb(119, 81, 59) }
```

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

Here you see how a box with a 4 pixel rgb(119, 81, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 81, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 81, 59);  
box-shadow:4px 4px 4px 4px rgb(119, 81,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3396, 10.1226, 5.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 81, 59) }
```

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

```
.background{ background-color: rgb(119, 81,  
59) }
```

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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