

Converting Colors

YUV(27.4140, -11.0501,
44.3639)

Have a look what the booklet for
YUV(27.4140, -11.0501, 44.3639)
contains.

YUV(27.4140, -11.0501, 44.3639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(27.4140, -11.0501,
44.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0605
RGB	78, 6, 5
RGB Percent	31%, 2%, 2%
CMY	0.6941, 0.9765, 0.9804
CMYK	0.00, 0.92, 0.94, 0.69
HSL	1°, 88%, 16%
HSV	1°, 94%, 31%
XYZ	3.2344, 1.7609, 0.3130
YIQ	27.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

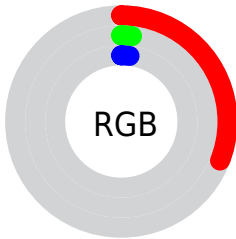
Format	Color
R _Y B	78, 6, 5
Decimal	5113349
CIE _{Lab}	14.18, 31.95, 19.97
CIE _{LCh}	14, 37.674, 32.010
Y _{xy}	1.7609, 0.6093, 0.3317
Android (android.graphics.Color)	4283303429 (0xFF4E0605)
Y _{UV}	27.4140, -11.0501, 44.3639
Hunter-Lab	13.2699, 20.2851, 7.8905

Details

The YUV color **27.4140, -11.0501, 44.3639** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **55.5860, 11.0501, -44.3639**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6270, -14.1131, 46.8081**, and **5.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **23.9090, -11.7871, 47.4378**, and if you desaturate by 10%, it is **33.0220, -9.8708, 39.4457**.

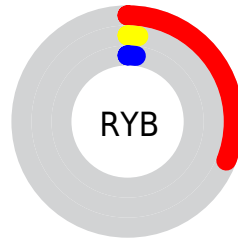
Distribution



Red (31%)

Green (2%)

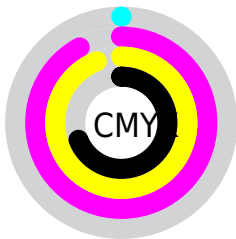
Blue (2%)



Red (31%)

Yellow (2%)

Blue (2%)

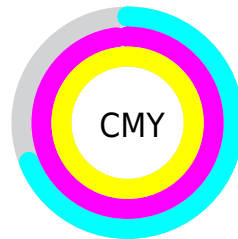


Cyan (0%)

Magenta (92%)

Yellow (94%)

Black (69%)



Cyan (69%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.4140, -11.0501, 44.3639 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 YUV color 27.4140, -11.0501, 44.3639 by changing the saturation by 10% instead.

■ 27.4140, -11.0501,
44.3639

■ 27.4140, -11.0501,
44.3639

■ 245.1060, -7.4473,
8.6770

■ 15.5480, -7.6652,
31.9684

■ 78.6270, -14.1131,
46.8081

■ 5.0830, -2.5059,
10.4512

■ 104.0080,
-15.2869, 49.9820

■ 0.0000, 0.0000,
0.0000

■ 130.3780,
-16.4554, 51.4115


■ 156.8730,
-17.1924, 54.4854


■ 184.2430,
-18.3608, 55.9149


■ 205.2630,


-15.4127, 43.6193


 224.7770,
-11.7221, 26.5056


 27.4140, -11.0501,
44.3639


 27.4140, -11.0501,
44.3639


 23.9090, -11.7871,
47.4378

 33.0220, -9.8708,
39.4457

 38.0430, -8.4022,
35.0423

 43.5370, -7.6597,
30.2241

 49.1450, -6.4805,
25.3058

 54.1660, -5.0118,
20.9024

■ 59.7740, -3.8326,
15.9842

■ 65.3820, -2.6533,
11.0660

■ 70.8760, -1.9109,
6.2477

■ 75.8970, -0.4422,
1.8443

Harmonies

Analogous

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



27.9100, 3.4954, 45.6829



27.4140, -11.0501, 44.3639



33.5230, -16.5268, 27.6053

Triad

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



27.4140, -11.0501, 44.3639



27.0990, -10.4018, -23.7658



33.1530, 28.0256, -29.0752

Complementary

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



27.4140, -11.0501, 44.3639



55.5860, 11.0501, -44.3639

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.



35.8770, 23.2316, -31.4641



27.4140, -11.0501, 44.3639



31.8070, 2.5601, -27.8947

Square

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



27.4140, -11.0501, 44.3639



30.0360, -14.8077, -10.5556



34.8850, 14.3537, -30.5941



35.8360, 22.2659, -1.6102

Rectangle

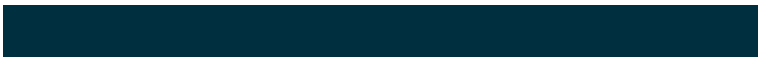
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.4140, -11.0501, 44.3639



34.3320, -16.9257, 15.4948



34.8850, 14.3537, -30.5941



34.8000, 26.7206, -30.5196

Sweetspot

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



27.4140, -11.0501, 44.3639



82.2580, -4.5642, 17.3137



35.1490, 21.1255, 37.5803



39.0830, -2.5059, 10.4512



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



27.4140, -11.0501, 44.3639



31.0850, -15.3249, 62.1925



48.5460, -21.4682, 25.8312



35.1960, -0.5896, 2.4591



70.5310, -34.7718, 139.8543

Inverse Universe

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



55.5860, 11.0501, -44.3639



70.9150, 15.3249, -62.1925



35.0410, 21.1788, -26.3460



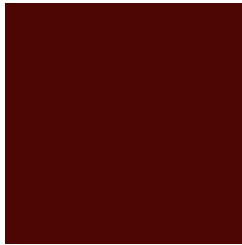
36.8040, 0.5896, -2.4591



158.8820, 35.0612, -139.3395

Previews

White Background



This preview shows how the YUV color 27.4140, -11.0501, 44.3639 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

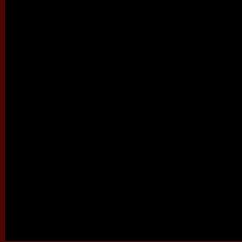
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.4140, -11.0501, 44.3639

Background



This preview shows how black text looks on a background with the YUV color 27.4140, -11.0501, 44.3639.



This preview shows how white text looks on a background with the YUV color 27.4140, -11.0501,

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

27.4140, -11.0501, 44.3639

Protanopia

38.0040, -12.8200, 5.2585

Deuteranopia

37.2560, -18.3672, 11.1765



Tritanopia

27.4310, -13.5235, 44.3490

Trichromacy



Original Color

27.4140, -11.0501, 44.3639

Protanomaly

34.2060, -12.4266, 19.1133

Deuteranomaly

33.4300, -15.4950, 23.3019

Tritanomaly

27.6590, -12.6499, 44.1491

Monochromacy



Original Color

27.4140, -11.0501, 44.3639

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0730, -3.9800, 16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.4140, -11.0501, 44.3639 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(78, 6, 5)` looks like.

```
.text, #text, p{  
    color:rgb(78, 6, 5)  
}
```

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(78, 6, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 6, 5) }
```

Border

The CSS property to change the border of an element to YUV 27.4140, -11.0501, 44.3639 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(78, 6, 5) }
```

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

```
.border{ border-color:rgb(78, 6, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 6, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 6, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 6, 5); box-shadow:4px  
4px 4px 4px rgb(78, 6, 5) }
```

Background

The CSS property to change the background color of an element to YUV 27.4140, -11.0501, 44.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 6, 5) }
```

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

```
.background{ background-color: rgb(78, 6,  
5) }
```

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