

Converting Colors

YUV(47.7140, -16.1280,
39.7158)

Have a look what the booklet for
YUV(47.7140, -16.1280, 39.7158)
contains.

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Color

**YUV(47.7140, -16.1280,
39.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1F0F
RGB	93, 31, 15
RGB Percent	36%, 12%, 6%
CMY	0.6353, 0.8784, 0.9412
CMYK	0.00, 0.67, 0.84, 0.64
HSL	12°, 72%, 21%
HSV	12°, 84%, 36%
XYZ	5.0904, 3.3416, 0.8286
YIQ	47.7140, 42.0880, 8.1680

Conversions

Conversions Part 2

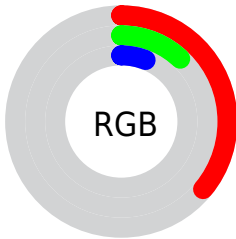
Format	Color
RYB	93, 35, 15
Decimal	6102799
CIELab	21.36, 27.42, 24.98
CIELCh	21, 37.094, 42.333
Yxy	3.3416, 0.5497, 0.3608
Android (android.graphics.Color)	4284292879 (0xFF5D1F0F)
YUV	47.7140, -16.1280, 39.7158
Hunter-Lab	18.2801, 17.7163, 10.1084

Details

The YUV color **47.7140, -16.1280, 39.7158** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **60.2860, 16.1280, -39.7158**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6500, -19.0544, 45.0340**, and **12.8570, -6.3385, 26.4354** is the 20% darker color. If you saturate the color by 10%, you get **42.5790, -18.0334, 44.2192**, and if you desaturate by 10%, it is **52.8490, -14.2226, 35.2124**.

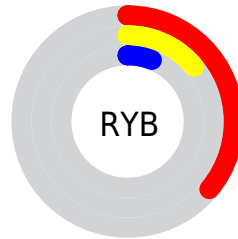
Distribution



Red (36%)

Green (12%)

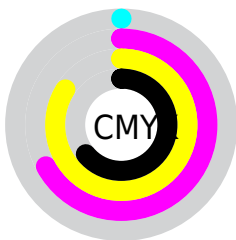
Blue (6%)



Red (36%)

Yellow (14%)

Blue (6%)

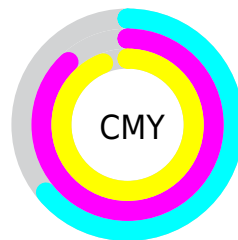


Cyan (0%)

Magenta (67%)

Yellow (84%)

Black (64%)



Cyan (64%)

Magenta (88%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7140, -16.1280, 39.7158 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 47.7140, -16.1280, 39.7158 by changing the saturation by 10% instead.

■ 47.7140, -16.1280,
39.7158

■ 47.7140, -16.1280,
39.7158

■ 253.2900, -6.5520,
1.4997

■ 24.1420, -11.9020,
37.5865

■ 96.6500, -19.0544,
45.0340

■ 12.8570, -6.3385,
26.4354

■ 122.6180,
-20.5177, 47.6930

■ 0.0000, 0.0000,
0.0000

■ 148.7000,
-21.5441, 50.2521

■ 176.1840,
-22.2757, 51.5816

■ 200.9770,
-21.6807, 47.3782

■ 220.4910,

-17.9901, 30.2644

■ 240.1190,
-13.8627, 13.0506

■ 47.7140, -16.1280,
39.7158

■ 47.7140, -16.1280,
39.7158

■ 42.5790, -18.0334,
44.2192

■ 52.8490, -14.2226,
35.2124

■ 38.9600, -19.2073,
47.3931

■ 58.6850, -12.1697,
30.0943

■ 63.8200, -10.2643,
25.5909

■ 69.5420, -8.6482,
20.5727

■ 74.7910, -6.3060,
15.9693

■ 79.9260, -4.4005,
11.4659

■ 85.6480, -2.7845,
6.4477

■ 90.7830, -0.8790,
1.9443

■ 96.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



46.0150, -2.4724, 46.4678



47.7140, -16.1280, 39.7158



48.8510, -24.0835, 24.6867

Triad

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



47.7140, -16.1280, 39.7158



40.2700, -3.0911, -35.3168



41.9070, 31.1048, -36.7524

Complementary

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



47.7140, -16.1280, 39.7158



60.2860, 16.1280, -39.7158

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.



46.4890, 28.3529, -40.7709



47.7140, -16.1280, 39.7158



44.6360, 8.5605, -39.1458

Square

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



47.7140, -16.1280, 39.7158



41.3680, -18.4224, -17.8627



47.0130, 20.2066, -41.2304



52.5280, 19.4597, 11.8149

Rectangle

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



47.7140, -16.1280, 39.7158



48.4750, -23.8982, 11.8614



47.0130, 20.2066, -41.2304



43.7820, 30.6735, -38.3968

Sweetspot

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



47.7140, -16.1280, 39.7158



102.4920, -6.1586, 15.3545



45.3900, 15.5837, 41.7540



50.7300, -3.8109, 9.0068



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



47.7140, -16.1280, 39.7158



50.5550, -24.9236, 60.9033



70.6070, -27.4143, 19.6387



43.0820, -1.0264, 2.5591



45.8040, -22.5814, 56.2999



99.6260, -49.1156, 120.4770

Inverse Universe

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



60.2860, 16.1280, -39.7158



69.4450, 24.9236, -60.9033



37.3930, 27.4143, -19.6387



43.9180, 1.0264, -2.5591



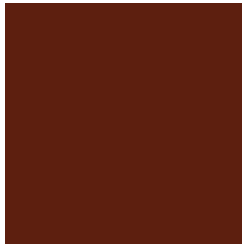
63.6090, 22.8708, -55.7851



137.9610, 48.8262, -120.9918

Previews

White Background



This preview shows how the YUV color 47.7140, -16.1280, 39.7158 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

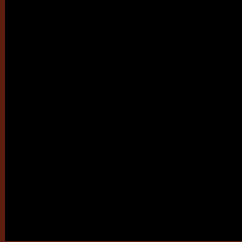
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7140, -16.1280, 39.7158

Background



This preview shows how black text looks on a background with the YUV color 47.7140, -16.1280, 39.7158.

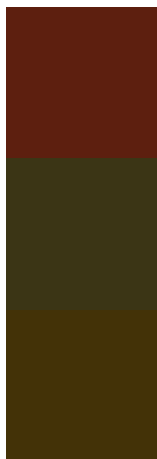


This preview shows how white text looks on a background with the YUV color 47.7140, -16.1280,

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

47.7140, -16.1280, 39.7158

Protanopia

51.1460, -14.8620, 6.8880

Deuteranopia

50.1810, -21.2882, 14.7503



Tritanopia

48.3640, -8.5605, 39.1458

Trichromacy



Original Color

47.7140, -16.1280, 39.7158

Protanomaly

49.8100, -15.1893, 18.5836

Deuteranomaly

49.1050, -19.2788, 23.5869

Tritanomaly

48.2670, -11.4706, 39.2308

Monochromacy



Original Color

47.7140, -16.1280, 39.7158

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7140, -16.1280, 39.7158 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(93, 31, 15)` looks like.

```
.text, #text, p{  
    color:rgb(93, 31, 15)  
}
```

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(93, 31, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 31, 15) }
```

Border

The CSS property to change the border of an element to YUV 47.7140, -16.1280, 39.7158 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(93, 31, 15) }
```


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

```
.border{ border-color:rgb(93, 31, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 31, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 31, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 31, 15);  
box-shadow:4px 4px 4px 4px rgb(93, 31, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7140, -16.1280, 39.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 31, 15) }
```

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

```
.background{ background-color: rgb(93, 31,  
15) }
```

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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