

Converting Colors

YUV(64.7610, -11.2212,
-41.0094)

Have a look what the booklet for
YUV(64.7610, -11.2212, -41.0094)
contains.

YUV(64.7610, -11.2212, -41.0094)	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

**YUV(64.7610, -11.2212,
-41.0094)**

Conversions

Conversions Part 1

Format	Color
Hex	125D2A
RGB	18, 93, 42
RGB Percent	7%, 36%, 16%
CMY	0.9294, 0.6353, 0.8353
CMYK	0.81, 0.00, 0.55, 0.64
HSL	139°, 68%, 22%
HSV	139°, 81%, 36%
XYZ	4.5817, 8.1245, 3.5172
YIQ	64.7610, -28.3290, -31.7610

Conversions

Conversions Part 2

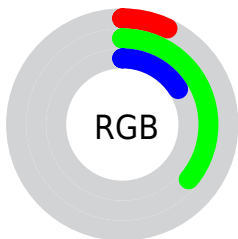
Format	Color
RYB	18, 75, 93
Decimal	1203498
CIELab	34.24, -34.58, 22.93
CIELCh	34, 41.494, 146.459
Yxy	8.1245, 0.2824, 0.5008
Android (android.graphics.Color)	4279393578 (0xFF125D2A)
YUV	64.7610, -11.2212, -41.0094
Hunter-Lab	28.5035, -21.1885, 12.6363

Details

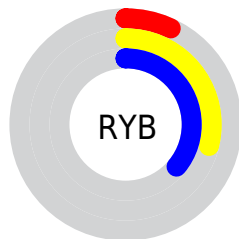
The YUV color **64.7610, -11.2212, -41.0094** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **46.2390, 11.2212, 41.0094**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0990, -13.8528, -36.9208**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **61.3860, -12.5153, -45.9425**, and if you desaturate by 10%, it is **68.1360, -9.9270, -36.0763**.

Distribution



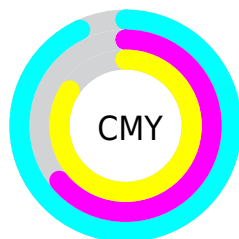
- Red (7%)
- Green (36%)
- Blue (16%)



- Red (7%)
- Yellow (29%)
- Blue (36%)



- Cyan (81%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7610, -11.2212, -41.0094 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 64.7610, -11.2212, -41.0094 by changing the saturation by 10% instead.

■ 64.7610, -11.2212,
-41.0094

■ 64.7610, -11.2212,
-41.0094

255.0000, 0.0000,
0.0000

■ 42.7830, -11.2320,
-37.5207

■ 117.0990,
-13.8528, -36.9208

■ 27.0020, -13.3120,
-23.6808

■ 143.4580,
-15.0158, -37.2357

■ 13.5010, -6.6560,
-11.8404

■ 170.9310,
-15.7420, -37.6505

■ 0.0000, 0.0000,
0.0000

■ 198.5180,
-16.0314, -38.1653

■ 226.4040,
-16.4682, -38.0653

■ 237.9680, -8.3652,

-23.6509

249.9450, 0.0271,
-8.7218

64.7610, -11.2212,
-41.0094

64.7610, -11.2212,
-41.0094

61.3860, -12.5153,
-45.9425

68.1360, -9.9270,
-36.0763

58.0110, -13.8094,
-50.8756

71.9240, -8.3435,
-30.6283

75.2990, -7.0494,
-25.6952

78.6740, -5.7553,
-20.7621

82.4620, -4.1718,
-15.3142

■ 85.8370, -2.8776,
-10.3810

■ 89.2120, -1.5835,
-5.4479

■ 92.7010, 0.1474,
-0.6148

■ 96.3750, 1.2941,
4.9331

Harmonies

Analogous

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



72.8830, -29.5223, -4.2824



64.7610, -11.2212, -41.0094



64.9020, 4.9783, -56.9191

Triad

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



64.7610, -11.2212, -41.0094



67.1260, 38.8849, -58.8695



77.8280, -12.2402, 52.7708

Complementary

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



64.7610, -11.2212, -41.0094



46.2390, 11.2212, 41.0094

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.



78.9430, 3.4791, 50.9160



64.7610, -11.2212, -41.0094



80.6380, 29.2655, -6.6985

Square

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



64.7610, -11.2212, -41.0094



69.9810, 32.0544, -61.3733



82.6550, 16.9321, 29.2436



77.7930, -26.0269, 41.4005

Rectangle

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



64.7610, -11.2212, -41.0094



67.5240, 15.0247, -59.2185



82.6550, 16.9321, 29.2436



77.9190, -6.8621, 54.4450

Sweetspot

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



64.7610, -11.2212, -41.0094



109.0490, -4.4612, -15.8290



77.2740, -29.2221, -7.2563



54.2500, -2.5882, -9.8662



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.



64.7610, -11.2212, -41.0094



76.3100, -17.4078, -63.4159



68.9790, 4.9404, -44.7086



44.1630, -0.5734, -2.7740



68.5600, -16.5451, -60.1271



147.7830, -35.3890, -129.6057

Inverse Universe

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



46.2390, 11.2212, 41.0094



47.6900, 17.4078, 63.4159



42.0210, -4.9404, 44.7086



42.8370, 0.5734, 2.7740



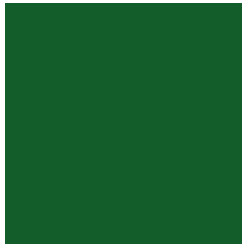
41.4400, 16.5451, 60.1271



89.2170, 35.3890, 129.6057

Previews

White Background



This preview shows how the YUV color 64.7610, -11.2212, -41.0094 looks on a white background.

Color Contrast Check

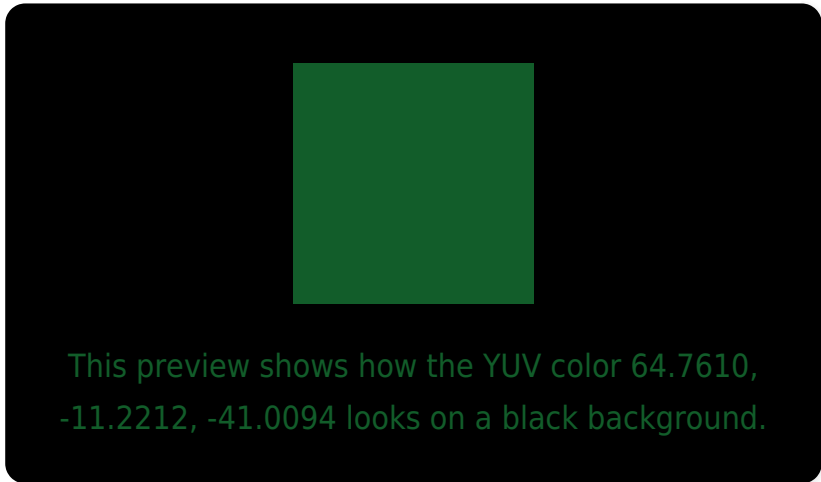
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.7610, -11.2212, -41.0094 Background



This preview shows how black text looks on a background with the YUV color 64.7610, -11.2212, -41.0094.



This preview shows how white text looks on a background with the YUV color 64.7610, -11.2212,

-41.0094.

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

64.7610, -11.2212, -41.0094

Protanopia

77.9030, -19.6722, 9.7321

Deuteranopia

79.7450, -16.6363, 16.0096



Tritanopia

73.8590, 10.4225, -29.6943

Trichromacy



Original Color

64.7610, -11.2212, -41.0094

Protanomaly

73.1780, -16.8498, -8.9261

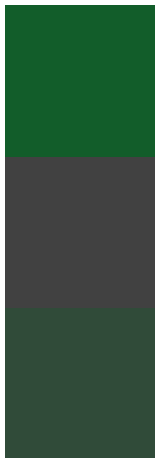
Deuteranomaly

74.4820, -14.5346, -4.8077

Tritanomaly

70.4750, 2.7238, -33.7426

Monochromacy



Original Color

64.7610, -11.2212, -41.0094

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8750, -3.8824, -14.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7610, -11.2212, -41.0094 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(18, 93, 42)` looks like.

```
.text, #text, p{  
    color:rgb(18, 93, 42)  
}
```

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(18, 93, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 93, 42) }
```

Border

The CSS property to change the border of an element to YUV 64.7610, -11.2212, -41.0094 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(18, 93, 42) }
```


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

```
.border{ border-color:rgb(18, 93, 42) }
```

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

Here you see how a box with a 4 pixel rgb(18, 93, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 93, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 93, 42);  
box-shadow:4px 4px 4px 4px rgb(18, 93, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.7610, -11.2212, -41.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 93, 42) }
```

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

```
.background{ background-color: rgb(18, 93,  
42) }
```

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