

Converting Colors

YUV(61.1490, -12.8915,
-18.5477)

Have a look what the booklet for
YUV(61.1490, -12.8915, -18.5477)
contains.

YUV(61.1490, -12.8915, -18.5477)	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(61.1490, -12.8915,
-18.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	284D23
RGB	40, 77, 35
RGB Percent	16%, 30%, 14%
CMY	0.8431, 0.6980, 0.8627
CMYK	0.48, 0.00, 0.55, 0.70
HSL	113°, 37%, 22%
HSV	113°, 55%, 30%
XYZ	3.8323, 5.8802, 2.5231
YIQ	61.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

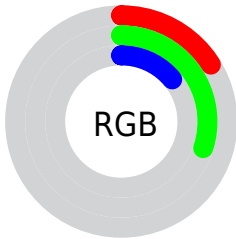
Format	Color
RYB	35, 77, 72
Decimal	2641187
CIELab	29.11, -22.98, 20.75
CIELCh	29, 30.964, 137.914
Yxy	5.8802, 0.3132, 0.4806
Android (android.graphics.Color)	4280831267 (0xFF284D23)
YUV	61.1490, -12.8915, -18.5477
Hunter-Lab	24.2492, -14.2260, 10.8053

Details

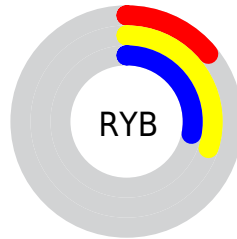
The YUV color **61.1490, -12.8915, -18.5477** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.8510, 12.8915, 18.5477**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5080, -14.0544, -18.8625**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **58.1440, -15.3540, -22.0513**, and if you desaturate by 10%, it is **64.1540, -10.4289, -15.0441**.

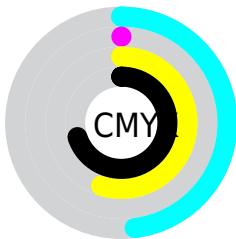
Distribution



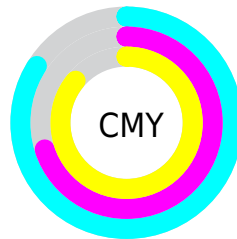
- Red (16%)
- Green (30%)
- Blue (14%)



- Red (14%)
- Yellow (30%)
- Blue (28%)



- Cyan (48%)
- Magenta (0%)
- Yellow (55%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1490, -12.8915, -18.5477 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 61.1490, -12.8915, -18.5477 by changing the saturation by 10% instead.

■ 61.1490, -12.8915,
-18.5477

■ 61.1490, -12.8915,
-18.5477

255.0000, 0.0000,
0.0000

■ 38.0780, -11.8705,
-19.3624

■ 109.5080,
-14.0544, -18.8625

■ 19.3710, -9.5499,
-16.9884

■ 134.9810,
-14.7806, -19.2773

■ 0.0000, 0.0000,
0.0000

■ 161.4540,
-15.5068, -19.6922

■ 188.9270,
-16.2330, -20.1070

■ 216.5140,
-16.5224, -20.6218

■ 240.1170,

-14.3547, -15.8886

251.7950, -5.8149,
-1.5742

61.1490, -12.8915,
-18.5477

61.1490, -12.8915,
-18.5477

58.1440, -15.3540,
-22.0513

64.1540, -10.4289,
-15.0441

55.2530, -17.3797,
-25.6549

67.0450, -8.4032,
-11.4405

52.5470, -19.9897,
-28.5437

69.7510, -5.7932,
-8.5516

49.5420, -22.4522,
-32.0473

72.7560, -3.3307,
-5.0480

47.8900, -23.6098,
-34.1065

75.7610, -0.8682,
-1.5444

■ 78.6520, 1.1576,
2.0592

■ 81.3580, 3.7675,
4.9480

■ 84.3630, 6.2300,
8.4516

■ 87.2540, 8.2558,
12.0552

Harmonies

Analogous

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



64.8760, -22.1239, 2.7397



61.1490, -12.8915, -18.5477



53.5720, 2.1830, -46.9826

Triad

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



61.1490, -12.8915, -18.5477



56.5480, 28.8168, -49.5926



68.2330, -6.5239, 39.2607

Complementary

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



61.1490, -12.8915, -18.5477



50.8510, 12.8915, 18.5477

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.



69.4740, 4.6963, 33.7873



61.1490, -12.8915, -18.5477



67.5850, 22.8826, -12.7910

Square

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



61.1490, -12.8915, -18.5477



58.2290, 22.5651, -51.0668



70.6980, 14.9389, 15.1739



67.8550, -16.6905, 33.4532

Rectangle

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



61.1490, -12.8915, -18.5477



55.3960, 9.1718, -48.5823



70.6980, 14.9389, 15.1739



68.5580, -2.7401, 38.9756

Sweetspot

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



61.1490, -12.8915, -18.5477



93.1040, -4.4883, -7.1072



68.6900, -16.6092, 7.2879



47.1690, -3.0413, -4.5332



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.



61.1490, -12.8915, -18.5477



74.9600, -19.7003, -28.0289



61.3640, -5.6025, -23.1212



36.6470, -1.3050, -1.4444



63.4620, -31.2868, -45.1322



143.0830, -70.5399, -101.8048

Inverse Universe

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



50.8510, 12.8915, 18.5477



59.3390, 19.5529, 28.6437



50.6360, 5.6025, 23.1212



35.6520, 1.1576, 2.0592



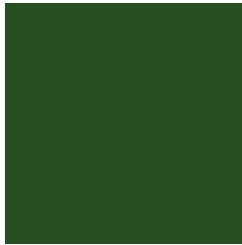
38.5380, 31.2868, 45.1322



86.6180, 70.6873, 101.1900

Previews

White Background



This preview shows how the YUV color 61.1490, -12.8915, -18.5477 looks on a white background.

Color Contrast Check

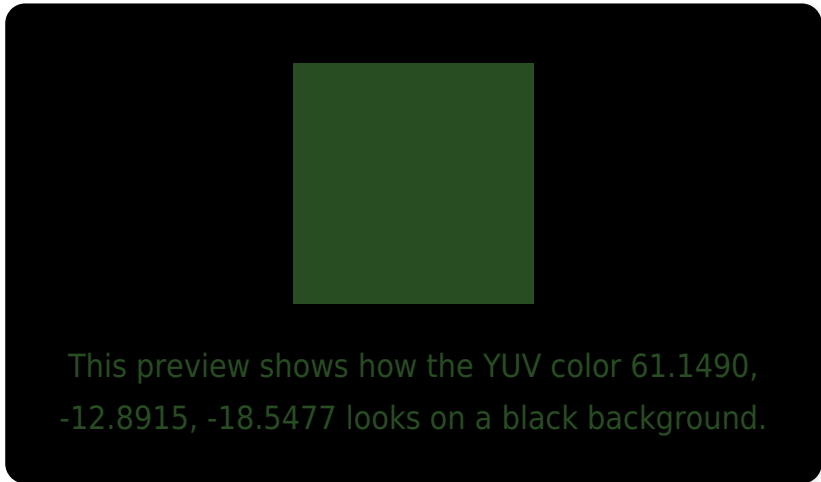
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.1490, -12.8915, -18.5477

Background



This preview shows how black text looks on a background with the YUV color 61.1490, -12.8915, -18.5477.



This preview shows how white text looks on a background with the YUV color 61.1490, -12.8915, -18.5477.

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

61.1490, -12.8915, -18.5477

Protanopia

66.8750, -17.1934, 8.0026

Deuteranopia

67.6030, -14.5943, 14.3802



Tritanopia

65.8070, 6.0111, -14.7397

Trichromacy



Original Color

61.1490, -12.8915, -18.5477

Protanomaly

64.8630, -15.7085, -1.6339

Deuteranomaly

65.0530, -13.8301, 2.5845

Tritanomaly

64.2600, -1.1142, -16.0140

Monochromacy



Original Color

61.1490, -12.8915, -18.5477

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1490, -12.8915, -18.5477 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(40, 77, 35)` looks like.

```
.text, #text, p{  
    color:rgb(40, 77, 35)  
}
```

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(40, 77, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 77, 35) }
```

Border

The CSS property to change the border of an element to YUV 61.1490, -12.8915, -18.5477 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(40, 77, 35) }
```


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

```
.border{ border-color:rgb(40, 77, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 77, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 77, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 77, 35);  
box-shadow:4px 4px 4px 4px rgb(40, 77, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.1490, -12.8915, -18.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 77, 35) }
```

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

```
.background{ background-color: rgb(40, 77,  
35) }
```

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