

Converting Colors

YUV(61.6150, -6.2192, -11.9404)

Have a look what the booklet for
YUV(61.6150, -6.2192, -11.9404)
contains.

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Color

**YUV(61.6150, -6.2192,
-11.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	304731
RGB	48, 71, 49
RGB Percent	19%, 28%, 19%
CMY	0.8118, 0.7216, 0.8078
CMYK	0.32, 0.00, 0.31, 0.72
HSL	123°, 19%, 23%
HSV	123°, 32%, 28%
XYZ	4.0265, 5.3566, 3.7274
YIQ	61.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

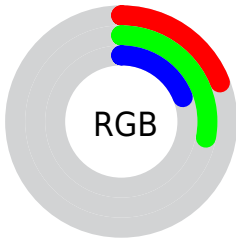
Format	Color
R_{YB}	48, 70, 71
Decimal	3163953
CIE _{Lab}	27.73, -14.18, 10.45
CIE _{LCh}	28, 17.615, 143.604
Yxy	5.3566, 0.3071, 0.4086
Android (android.graphics.Color)	4281354033 (0xFF304731)
YUV	61.6150, -6.2192, -11.9404
Hunter-Lab	23.1443, -9.4480, 6.6523

Details

The YUV color **61.6150, -6.2192, -11.9404** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **57.3850, 6.2192, 11.9404**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6750, -7.2348, -12.8700**, and **17.5610, -7.6716, -12.7700** is the 20% darker color. If you saturate the color by 10%, you get **58.7240, -8.2449, -15.5439**, and if you desaturate by 10%, it is **64.5060, -4.1935, -8.3368**.

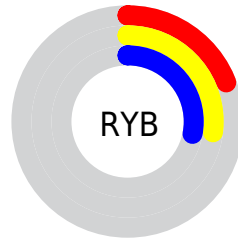
Distribution



Red (19%)

Green (28%)

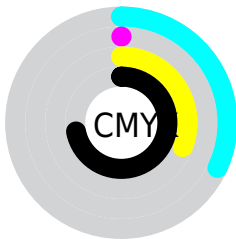
Blue (19%)



Red (19%)

Yellow (27%)

Blue (28%)

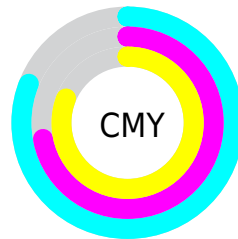


Cyan (32%)

Magenta (0%)

Yellow (31%)

Black (72%)



Cyan (81%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6150, -6.2192, -11.9404 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 61.6150, -6.2192, -11.9404 by changing the saturation by 10% instead.

■ 61.6150, -6.2192,
-11.9404

■ 61.6150, -6.2192,
-11.9404

255.0000, 0.0000,
0.0000

■ 39.1420, -5.4930,
-11.5255

■ 109.6750, -7.2348,
-12.8700

■ 17.5610, -7.6716,
-12.7700

■ 134.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 161.2620, -7.5242,
-13.3848

■ 187.8490, -7.8136,
-13.8996

■ 215.8490, -7.8136,
-13.8996

■ 243.8490, -7.8136,

-13.8996

■ 61.6150, -6.2192,
-11.9404

■ 61.6150, -6.2192,
-11.9404

■ 58.7240, -8.2449,
-15.5439

■ 64.5060, -4.1935,
-8.3368

■ 55.8330, -10.2707,
-19.1475

■ 67.3970, -2.1677,
-4.7332

■ 53.0560, -11.8596,
-22.8511

■ 70.1740, -0.5788,
-1.0296

■ 50.1650, -13.8853,
-26.4547

■ 73.0650, 1.4470,
2.5740

■ 47.2740, -15.9111,
-30.0583

■ 76.2550, 3.3253,
6.7924

■ 44.0840, -17.7894,
-34.2767

■ 79.1460, 5.3510,
10.3960

■ 42.0190, -19.2364,
-36.8507

■ 82.0370, 7.3768,
13.9996

■ 84.8140, 8.9657,
17.7031

■ 87.7050, 10.9914,
21.3067

Harmonies

Analogous

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



63.6120, -11.6407, 0.3403



61.6150, -6.2192, -11.9404



59.1880, 1.3863, -24.7209

Triad

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



61.6150, -6.2192, -11.9404



62.9620, 14.3157, -18.3837



66.6500, -5.7434, 22.2320

Complementary

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



61.6150, -6.2192, -11.9404



57.3850, 6.2192, 11.9404

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.



67.0610, 0.9559, 20.1175



61.6150, -6.2192, -11.9404



66.0780, 11.7935, -2.6994

Square

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



61.6150, -6.2192, -11.9404



58.1730, 14.2117, -31.7237



67.3140, 7.2402, 11.1256



65.6620, -10.6794, 18.7134

Rectangle

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



61.6150, -6.2192, -11.9404



57.2240, 6.7916, -31.7684



67.3140, 7.2402, 11.1256



66.6330, -3.2701, 22.2469

Sweetspot

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



61.6150, -6.2192, -11.9404



88.2830, -2.6045, -4.6332



68.0790, -9.8989, 1.6847



43.6360, -1.2995, -3.1888



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



61.6150, -6.2192, -11.9404



77.3600, -9.5445, -18.7327



62.8690, -1.4144, -13.0401



34.3480, -1.1576, -2.0592



58.5690, -26.9025, -51.3650



134.3890, -61.3238, -117.8592

Inverse Universe

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



57.3850, 6.2192, 11.9404



70.6400, 9.5445, 18.7327



56.1310, 1.4144, 13.0401



33.6520, 1.1576, 2.0592



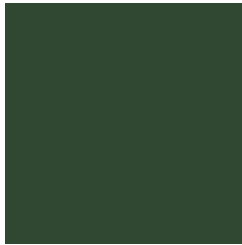
40.4310, 26.9025, 51.3650



92.6110, 61.3238, 117.8592

Previews

White Background



This preview shows how the YUV color 61.6150, -6.2192, -11.9404 looks on a white background.

Color Contrast Check

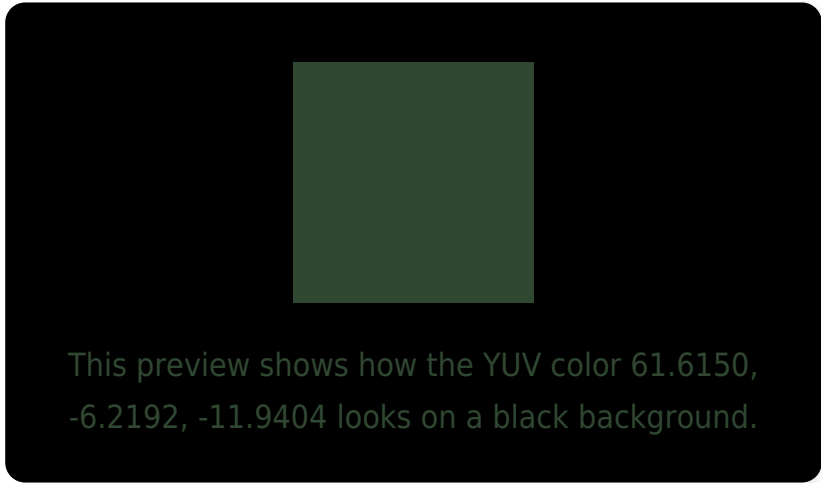
Large Text (above 18pt) WCAG AA ✓ Pass

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

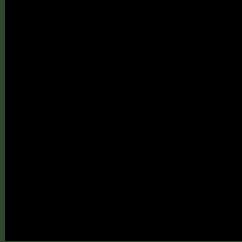
Any Text WCAG AA × Fail

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 61.6150, -6.2192, -11.9404 Background



This preview shows how black text looks on a background with the YUV color 61.6150, -6.2192, -11.9404.



This preview shows how white text looks on a background with the YUV color 61.6150, -6.2192, -11.9404.

-11.9404.

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

61.6150, -6.2192, -11.9404

Protanopia

64.3290, -9.0362, 4.9735

Deuteranopia

65.5190, -7.1579, 9.1918



Tritanopia

64.0850, 4.3951, -9.7215

Trichromacy



Original Color

61.6150, -6.2192, -11.9404

Protanomaly

63.2250, -7.9989, -1.0743

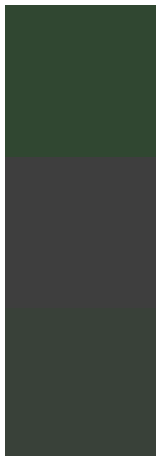
Deuteranomaly

64.1760, -6.9888, 1.5996

Tritanomaly

63.0480, 0.4693, -10.5661

Monochromacy



Original Color

61.6150, -6.2192, -11.9404

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6960, -2.3151, -4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6150, -6.2192, -11.9404 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(48, 71, 49)` looks like.

```
.text, #text, p{  
    color:rgb(48, 71, 49)  
}
```

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(48, 71, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 71, 49) }
```

Border

The CSS property to change the border of an element to YUV 61.6150, -6.2192, -11.9404 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(48, 71, 49) }
```


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

```
.border{ border-color:rgb(48, 71, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 71, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 71, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 71, 49);  
box-shadow:4px 4px 4px 4px rgb(48, 71, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.6150, -6.2192, -11.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 71, 49) }
```

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

```
.background{ background-color: rgb(48, 71,  
49) }
```

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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