

Converting Colors

YUV(61.2060, 17.6464,
-13.3357)

Have a look what the booklet for
YUV(61.2060, 17.6464, -13.3357)
contains.

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Color

**YUV(61.2060, 17.6464,
-13.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3E61
RGB	46, 62, 97
RGB Percent	18%, 24%, 38%
CMY	0.8196, 0.7569, 0.6196
CMYK	0.53, 0.36, 0.00, 0.62
HSL	221°, 36%, 28%
HSV	221°, 53%, 38%
XYZ	5.0070, 4.8892, 11.9891
YIQ	61.2060, -20.7710, 7.4930

Conversions

Conversions Part 2

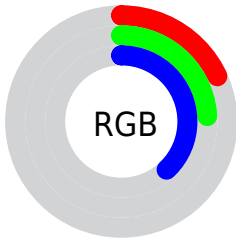
Format	Color
RYB	46, 58, 97
Decimal	3030625
CIELab	26.42, 4.60, -22.73
CIElCh	26, 23.190, 281.452
Yxy	4.8892, 0.2288, 0.2234
Android (android.graphics.Color)	4281220705 (0xFF2E3E61)
YUV	61.2060, 17.6464, -13.3357
Hunter-Lab	22.1114, 1.7253, -16.6697

Details

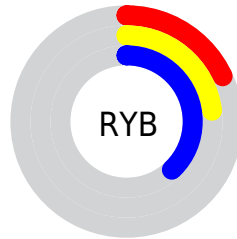
The YUV color **61.2060, 17.6464, -13.3357** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.7940, -17.6464, 13.3357**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2600, 19.0988, -12.5060**, and **17.4400, 16.0521, -15.2949** is the 20% darker color. If you saturate the color by 10%, you get **54.1070, 21.1462, -15.8798**, and if you desaturate by 10%, it is **68.3050, 14.1466, -10.7915**.

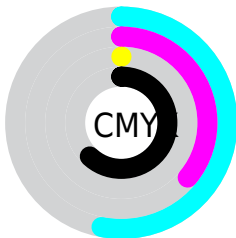
Distribution



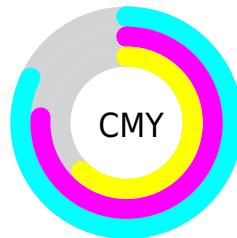
- Red (18%)
- Green (24%)
- Blue (38%)



- Red (18%)
- Yellow (23%)
- Blue (38%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2060, 17.6464, -13.3357 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 61.2060, 17.6464, -13.3357 by changing the saturation by 10% instead.

■ 61.2060, 17.6464,
-13.3357

■ 61.2060, 17.6464,
-13.3357

■ 255.0000, 0.0000,
0.0000

■ 38.0810, 17.2151,
-14.9800

■ 109.2600, 19.0988,
-12.5060

■ 17.4400, 16.0521,
-15.2949

■ 135.3740, 19.5356,
-12.6060

■ 4.4800, 12.0884,
-3.9290

■ 161.4880, 19.9724,
-12.7060

■ 0.0000, 0.0000,
0.0000

■ 188.6020, 20.4092,
-12.8060

■ 215.6730, 19.3882,
-11.9912

■ 241.3670, 6.7211,

-9.0919

■ 61.2060, 17.6464,
-13.3357

■ 61.2060, 17.6464,
-13.3357

■ 54.1070, 21.1462,
-15.8798

■ 68.3050, 14.1466,
-10.7915

■ 47.8940, 24.2093,
-18.3240

■ 74.5180, 11.0836,
-8.3473

■ 40.7950, 27.7091,
-20.8682

■ 81.6170, 7.5838,
-5.8031

■ 33.6960, 31.2089,
-23.4124

■ 88.7160, 4.0840,
-3.2589

■ 28.6680, 33.6877,
-25.1418

■ 94.9290, 1.0210,
-0.8147

■ 102.0280, -2.4788,
1.7294

■ 109.1270, -5.9786,
4.2736

■ 115.6390, -9.1890,
7.3326

■ 122.4390,
-12.5414, 9.2620

Harmonies

Analogous

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



50.2730, 22.5434, -44.0894



61.2060, 17.6464, -13.3357



64.2580, 12.1978, 7.6667

Triad

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



61.2060, 17.6464, -13.3357



62.3040, -10.9959, 26.9204



54.0690, -1.5130, -28.1245

Complementary

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



61.2060, 17.6464, -13.3357



81.7940, -17.6464, 13.3357

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.



57.9590, -11.3188, -9.6110



61.2060, 17.6464, -13.3357



61.8700, -16.2049, 17.6540

Square

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



61.2060, 17.6464, -13.3357



63.2640, -3.5812, 28.7095



60.6790, -16.6037, 5.5435



50.1300, 9.3029, -43.9640

Rectangle

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



61.2060, 17.6464, -13.3357



64.4720, 7.6553, 18.0031



60.6790, -16.6037, 5.5435



55.7880, -5.3185, -20.8621

Sweetspot

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



61.2060, 17.6464, -13.3357



110.8020, 6.9996, -5.0884



79.9270, 0.5290, -29.7540



55.1290, 4.3734, -2.7441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



61.2060, 17.6464, -13.3357



69.6810, 27.2723, -20.7682



54.5050, 20.9500, 0.4341



45.0430, 1.4578, -0.9147



33.3130, 38.7927, -29.2155



71.3850, 83.1272, -62.6046

Inverse Universe

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



63.0730, -0.5290, 29.7540



72.4710, -0.7252, 46.0679



88.4950, -20.9500, -0.4341



45.3100, -0.1528, 2.3591



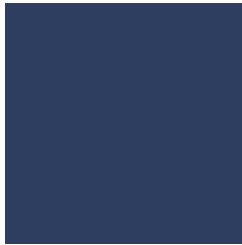
37.4780, -1.2217, 65.3558



80.3100, -2.6178, 140.0481

Previews

White Background



This preview shows how the YUV color 61.2060, 17.6464, -13.3357 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



This preview shows how the YUV color 61.2060, 17.6464, -13.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

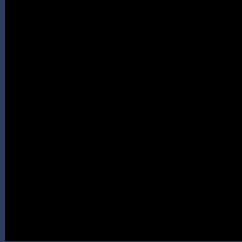
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2060, 17.6464, -13.3357

Background



This preview shows how black text looks on a background with the YUV color 61.2060, 17.6464, -13.3357.



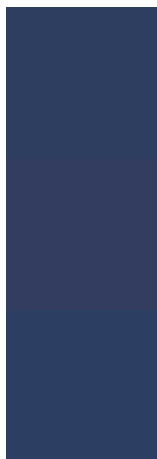
This preview shows how white text looks on a background with the YUV color 61.2060, 17.6464,

-13.3357.

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

61.2060, 17.6464, -13.3357

Protanopia

61.7010, 16.9094, -10.2618

Deuteranopia

60.6080, 17.9413, -14.5652



Tritanopia

58.8990, 6.4588, -18.3284

Trichromacy



Original Color

61.2060, 17.6464, -13.3357

Protanomaly

61.4020, 17.0568, -10.8766

Deuteranomaly

60.9070, 17.7938, -13.9504

Tritanomaly

59.6480, 10.5265, -16.3543

Monochromacy



Original Color

61.2060, 17.6464, -13.3357

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2060, 17.6464, -13.3357 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(46, 62, 97)` looks like.

```
.text, #text, p{  
    color:rgb(46, 62, 97)  
}
```

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(46, 62, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 62, 97) }
```

Border

The CSS property to change the border of an element to YUV 61.2060, 17.6464, -13.3357 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(46, 62, 97) }
```


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

```
.border{ border-color:rgb(46, 62, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 62, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 62, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 62, 97);  
box-shadow:4px 4px 4px 4px rgb(46, 62, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2060, 17.6464, -13.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 62, 97) }
```

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

```
.background{ background-color: rgb(46, 62,  
97) }
```

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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