

Converting Colors

YUV(61.5570, 5.1484, -18.0285)

Have a look what the booklet for
YUV(61.5570, 5.1484, -18.0285)
contains.

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Color

**YUV(61.5570, 5.1484,
-18.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	294648
RGB	41, 70, 72
RGB Percent	16%, 27%, 28%
CMY	0.8392, 0.7255, 0.7176
CMYK	0.43, 0.03, 0.00, 0.72
HSL	184°, 27%, 22%
HSV	184°, 43%, 28%
XYZ	4.2743, 5.3196, 6.9324
YIQ	61.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

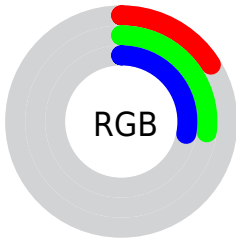
Format	Color
RYB	41, 56, 72
Decimal	2704968
CIELab	27.63, -10.24, -4.64
CIELCh	28, 11.243, 204.392
Yxy	5.3196, 0.2586, 0.3219
Android (android.graphics.Color)	4280895048 (0xFF294648)
YUV	61.5570, 5.1484, -18.0285
Hunter-Lab	23.0643, -7.2826, -1.6757

Details

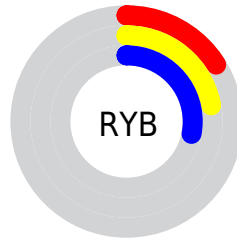
The YUV color **61.5570, 5.1484, -18.0285** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **51.4430, -5.1484, 18.0285**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2580, 5.2958, -18.6433**, and **19.1550, 4.8536, -16.7989** is the 20% darker color. If you saturate the color by 10%, you get **59.4640, 6.1802, -22.3319**, and if you desaturate by 10%, it is **63.6500, 4.1166, -13.7250**.

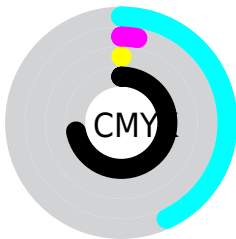
Distribution



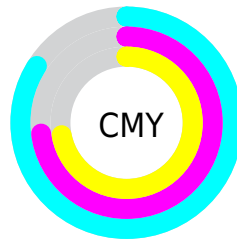
- Red (16%)
- Green (27%)
- Blue (28%)



- Red (16%)
- Yellow (22%)
- Blue (28%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5570, 5.1484, -18.0285 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 61.5570, 5.1484, -18.0285 by changing the saturation by 10% instead.

■ 61.5570, 5.1484,
-18.0285

■ 61.5570, 5.1484,
-18.0285

■ 255.0000, 0.0000,
0.0000

■ 39.2580, 5.2958,
-18.6433

■ 109.2580, 5.2958,
-18.6433

■ 19.1550, 4.8536,
-16.7989

■ 134.9590, 5.4432,
-19.2580

■ 0.1140, 0.4368,
-0.1000

■ 161.6600, 5.5906,
-19.8728

■ 0.0000, 0.0000,
0.0000

■ 188.6600, 5.5906,
-19.8728

■ 216.3610, 5.7380,
-20.4876

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

61.5570, 5.1484,
-18.0285

61.5570, 5.1484,
-18.0285

59.4640, 6.1802,
-22.3319

63.6500, 4.1166,
-13.7250

56.7840, 7.5015,
-26.1206

66.3300, 2.7953,
-9.9364

54.3920, 8.6807,
-31.0388

68.7220, 1.6161,
-5.0182

51.7120, 10.0020,
-34.8274

71.4020, 0.2948,
-1.2296

49.6190, 11.0338,
-39.1309

73.4950, -0.7370,
3.0739

■ 47.5370, 12.0603,
-41.6899

■ 76.1750, -2.0583,
6.8625

■ 78.2680, -3.0901,
11.1660

■ 81.2470, -4.5588,
15.5694

■ 83.3400, -5.5906,
19.8728

Harmonies

Analogous

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



62.0260, 0.4802, -14.0548



61.5570, 5.1484, -18.0285



62.6650, 8.0532, -16.3692

Triad

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



61.5570, 5.1484, -18.0285



66.7820, 4.0515, 7.2072



64.8670, -8.3154, 7.1326

Complementary

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



61.5570, 5.1484, -18.0285



51.4430, -5.1484, 18.0285

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.



65.6550, -6.7319, 12.5806



61.5570, 5.1484, -18.0285



66.4900, 0.2514, 12.7253

Square

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



61.5570, 5.1484, -18.0285



66.2370, 7.2782, -1.0848



66.1760, -3.5378, 14.7546



64.0510, -7.4201, -0.0447

Rectangle

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



61.5570, 5.1484, -18.0285



63.3280, 9.2053, -12.5657



66.1760, -3.5378, 14.7546



65.2910, -8.0315, 9.3918

Sweetspot

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



61.5570, 5.1484, -18.0285



90.4120, 1.7689, -7.3773



59.4250, -8.0975, -16.1587



45.9070, 1.0318, -4.3034



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



61.5570, 5.1484, -18.0285



77.5880, 8.0911, -28.5797



52.7520, 9.4893, -10.3065



34.2170, 0.8790, -1.9443



65.8770, 16.3296, -57.7741



150.3220, 37.8023, -131.8324

Inverse Universe

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



53.5750, 8.0975, 16.1587



64.8950, 12.8698, 25.5251



60.2480, -9.4893, 10.3065



33.5380, 0.7208, 2.1592



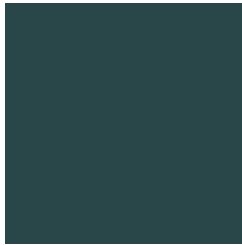
40.2030, 26.0289, 51.5650



92.0410, 59.1398, 118.3590

Previews

White Background



This preview shows how the YUV color 61.5570, 5.1484, -18.0285 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 61.5570, 5.1484, -18.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

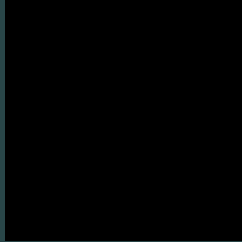
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5570, 5.1484, -18.0285

Background



This preview shows how black text looks on a background with the YUV color 61.5570, 5.1484, -18.0285.



This preview shows how white text looks on a background with the YUV color 61.5570, 5.1484, -18.0285.

-18.0285.

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

61.5570, 5.1484, -18.0285

Protanopia

65.4560, 1.7472, -0.3999

Deuteranopia

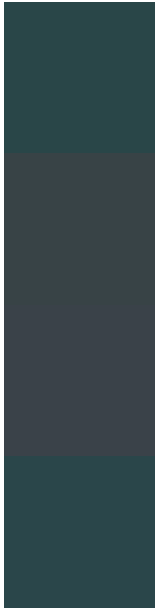
65.3360, 3.7784, 1.4593



Tritanopia

62.1980, 6.3114, -17.7136

Trichromacy



Original Color

61.5570, 5.1484, -18.0285

Protanomaly

64.0530, 2.9319, -7.0625

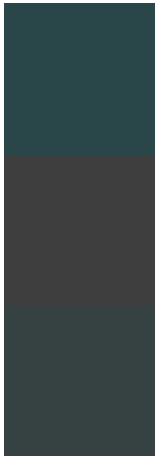
Deuteranomaly

64.4060, 4.2368, -5.6181

Tritanomaly

62.0840, 5.8746, -17.6137

Monochromacy



Original Color

61.5570, 5.1484, -18.0285

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5570, 5.1484, -18.0285 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(41, 70, 72)` looks like.

```
.text, #text, p{  
    color:rgb(41, 70, 72)  
}
```

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(41, 70, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 70, 72) }
```

Border

The CSS property to change the border of an element to YUV 61.5570, 5.1484, -18.0285 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(41, 70, 72) }
```


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

```
.border{ border-color:rgb(41, 70, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 70, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 70, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 70, 72);  
box-shadow:4px 4px 4px 4px rgb(41, 70, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5570, 5.1484, -18.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 70, 72) }
```

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

```
.background{ background-color: rgb(41, 70,  
72) }
```

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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