

Converting Colors

YUV(61.8880, 6.4642, -20.0728)

Have a look what the booklet for
YUV(61.8880, 6.4642, -20.0728)
contains.

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Color

**YUV(61.8880, 6.4642,
-20.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	27474B
RGB	39, 71, 75
RGB Percent	15%, 28%, 29%
CMY	0.8471, 0.7216, 0.7059
CMYK	0.48, 0.05, 0.00, 0.71
HSL	187°, 32%, 22%
HSV	187°, 48%, 29%
XYZ	4.3599, 5.4458, 7.4780
YIQ	61.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

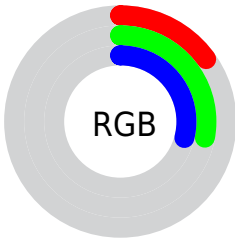
Format	Color
RYB	39, 56, 75
Decimal	2574155
CIELab	27.97, -10.54, -6.10
CIElCh	28, 12.172, 210.051
Yxy	5.4458, 0.2523, 0.3151
Android (android.graphics.Color)	4280764235 (0xFF27474B)
YUV	61.8880, 6.4642, -20.0728
Hunter-Lab	23.3363, -7.4891, -2.6637

Details

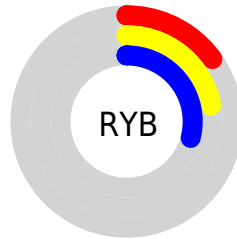
The YUV color **61.8880, 6.4642, -20.0728** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.1120, -6.4642, 20.0728**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0020, 6.9010, -20.1728**, and **19.9700, 5.4378, -17.5137** is the 20% darker color. If you saturate the color by 10%, you get **59.2080, 7.7855, -23.8614**, and if you desaturate by 10%, it is **64.8670, 4.9956, -15.6694**.

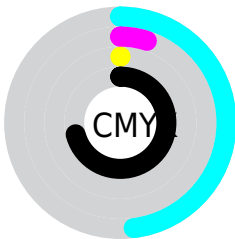
Distribution



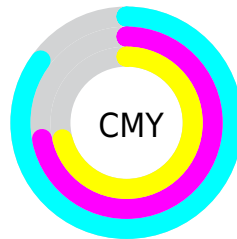
- Red (15%)
- Green (28%)
- Blue (29%)



- Red (15%)
- Yellow (22%)
- Blue (29%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8880, 6.4642, -20.0728 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 61.8880, 6.4642, -20.0728 by changing the saturation by 10% instead.

61.8880, 6.4642,
-20.0728

61.8880, 6.4642,
-20.0728

255.0000, 0.0000,
0.0000

39.1760, 6.3222,
-21.2024

110.0020, 6.9010,
-20.1728

19.9700, 5.4378,
-17.5137

135.7030, 7.0484,
-20.7875

0.6840, 2.6208,
-0.5999

162.2900, 6.7590,
-21.3023

0.0000, 0.0000,
0.0000

189.1050, 7.3432,
-22.0171

217.1050, 7.3432,
-22.0171

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

61.8880, 6.4642,
-20.0728

61.8880, 6.4642,
-20.0728

59.2080, 7.7855,
-23.8614

64.8670, 4.9956,
-15.6694

56.2290, 9.2541,
-28.2648

67.5470, 3.6743,
-11.8807

53.8370, 10.4334,
-33.1830

70.5260, 2.2057,
-7.4773

51.1570, 11.7546,
-36.9717

72.6190, 1.1738,
-3.1739

48.4770, 13.0758,
-40.7603

75.5980, -0.2948,
1.2296

■ 47.8790, 13.3707,
-41.9899

■ 78.2780, -1.6161,
5.0182

■ 81.2570, -3.0847,
9.4216

■ 83.9370, -4.4059,
13.2103

■ 86.3290, -5.5852,
18.1285

Harmonies

Analogous

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



62.0580, 1.9434, -16.7139



61.8880, 6.4642, -20.0728



63.0070, 9.3635, -16.6691

Triad

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



61.8880, 6.4642, -20.0728



67.6790, 3.6093, 9.0515



65.3400, -9.0416, 6.7178

Complementary

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



61.8880, 6.4642, -20.0728



52.1120, -6.4642, 20.0728

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.



66.3130, -8.0423, 12.8805



61.8880, 6.4642, -20.0728



67.2730, -0.6276, 14.6696

Square

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



61.8880, 6.4642, -20.0728



67.2480, 7.2727, 0.6595



67.1330, -4.9956, 15.6694



64.4530, -7.1253, -1.2743

Rectangle

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



61.8880, 6.4642, -20.0728



64.7410, 9.4947, -12.0509



67.1330, -4.9956, 15.6694



65.7640, -8.7577, 8.9770

Sweetspot

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



61.8880, 6.4642, -20.0728



91.6400, 2.6425, -7.5773



60.5880, -8.6709, -18.9327



45.6080, 1.1793, -4.9182



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.



61.8880, 6.4642, -20.0728



76.7340, 9.9911, -31.3387



51.3220, 11.6733, -10.8064



36.8040, 0.5896, -2.4591



65.0450, 18.2188, -57.0445



145.9680, 41.4278, -128.0139

Inverse Universe

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



53.4120, 8.6709, 18.9327



63.4440, 13.5851, 29.4286



62.6780, -11.6733, 10.8064



35.6520, 1.1576, 2.0592



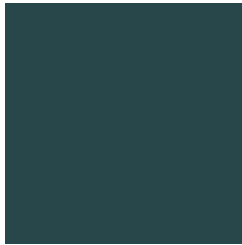
40.8720, 24.7131, 53.6093



92.0260, 55.2032, 121.0032

Previews

White Background



This preview shows how the YUV color 61.8880, 6.4642, -20.0728 looks on a white background.

Color Contrast Check

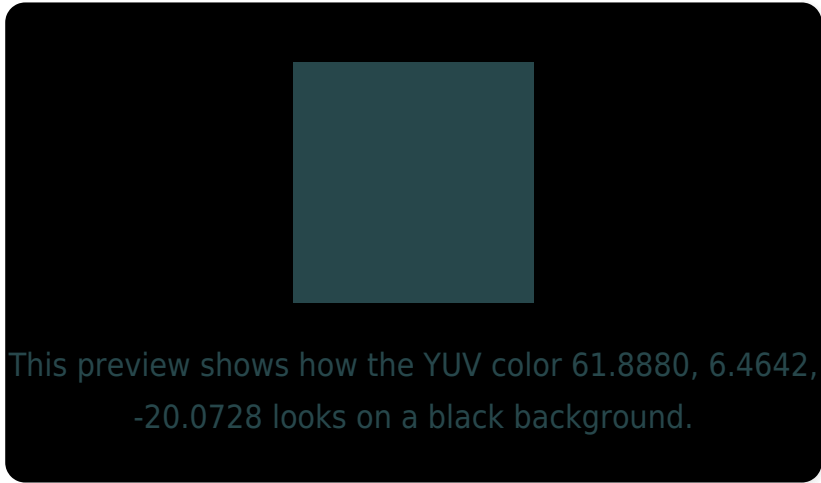
Large Text (above 18pt) WCAG AA ✓ Pass

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

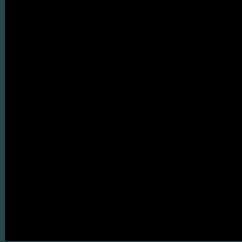
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8880, 6.4642, -20.0728

Background



This preview shows how black text looks on a background with the YUV color 61.8880, 6.4642, -20.0728.



This preview shows how white text looks on a background with the YUV color 61.8880, 6.4642, -20.0728.

-20.0728.

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

61.8880, 6.4642, -20.0728

Protanopia

65.6840, 2.6208, -0.5999

Deuteranopia

66.2650, 4.7994, 0.6446



Tritanopia

62.0020, 6.9010, -20.1728

Trichromacy



Original Color

61.8880, 6.4642, -20.0728

Protanomaly

64.2810, 3.8055, -7.2624

Deuteranomaly

65.0360, 5.4053, -7.0476

Tritanomaly

62.0020, 6.9010, -20.1728

Monochromacy



Original Color

61.8880, 6.4642, -20.0728

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8880, 6.4642, -20.0728 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(39, 71, 75)` looks like.

```
.text, #text, p{  
    color:rgb(39, 71, 75)  
}
```

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(39, 71, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 71, 75) }
```

Border

The CSS property to change the border of an element to YUV 61.8880, 6.4642, -20.0728 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(39, 71, 75) }
```


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

```
.border{ border-color:rgb(39, 71, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 71, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 71, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 71, 75);  
box-shadow:4px 4px 4px 4px rgb(39, 71, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8880, 6.4642, -20.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 71, 75) }
```

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

```
.background{ background-color: rgb(39, 71,  
75) }
```

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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