

Converting Colors

YUV(77.5630, 2.6804, -19.7878)

Have a look what the booklet for
YUV(77.5630, 2.6804, -19.7878)
contains.

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Color

**YUV(77.5630, 2.6804,
-19.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	375853
RGB	55, 88, 83
RGB Percent	22%, 35%, 33%
CMY	0.7843, 0.6549, 0.6745
CMYK	0.37, 0.00, 0.06, 0.65
HSL	171°, 23%, 28%
HSV	171°, 37%, 35%
XYZ	6.6266, 8.4162, 9.4588
YIQ	77.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

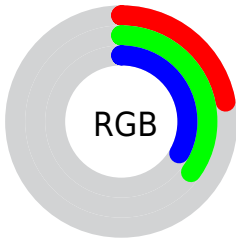
Format	Color
R_{YB}	55, 73, 88
Decimal	3627091
CIE Lab	34.84, -13.33, -0.93
CIE LCh	35, 13.361, 183.994
Yxy	8.4162, 0.2705, 0.3435
Android (android.graphics.Color)	4281817171 (0xFF375853)
YUV	77.5630, 2.6804, -19.7878
Hunter-Lab	29.0107, -9.9959, 0.9762

Details

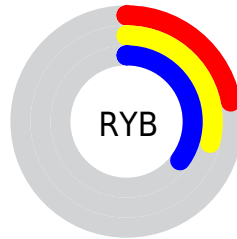
The YUV color **77.5630, 2.6804, -19.7878** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.4370, -2.6804, 19.7878**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8510, 2.5385, -20.9173**, and **31.3780, 3.2646, -20.5025** is the 20% darker color. If you saturate the color by 10%, you get **74.7580, 3.5703, -25.2208**, and if you desaturate by 10%, it is **80.3680, 1.7906, -14.3547**.

Distribution



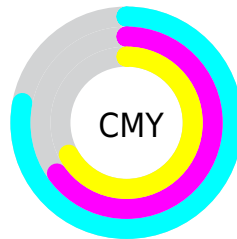
- Red (22%)
- Green (35%)
- Blue (33%)



- Red (22%)
- Yellow (29%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (65%)



- Cyan (78%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5630, 2.6804, -19.7878 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 77.5630, 2.6804, -19.7878 by changing the saturation by 10% instead.

■ 77.5630, 2.6804,
-19.7878

■ 77.5630, 2.6804,
-19.7878

■ 255.0000, 0.0000,
0.0000

■ 54.5630, 2.6804,
-19.7878

■ 126.8510, 2.5385,
-20.9173

■ 31.3780, 3.2646,
-20.5025

■ 152.8510, 2.5385,
-20.9173

■ 15.5530, 1.2064,
-13.6400

■ 180.1390, 2.3965,
-22.0469

■ 0.0000, 0.0000,
0.0000

■ 207.2530, 2.8333,
-22.1469

■ 235.8400, 2.5439,
-22.6617

■ 250.2160, 2.3585,

-9.8364

■ 77.5630, 2.6804,
-19.7878

■ 77.5630, 2.6804,
-19.7878

■ 74.7580, 3.5703,
-25.2208

■ 80.3680, 1.7906,
-14.3547

■ 71.8390, 4.0234,
-30.5538

■ 83.2870, 1.3375,
-9.0217

■ 69.3330, 4.7658,
-35.3720

■ 85.7930, 0.5951,
-4.2035

■ 66.5280, 5.6557,
-40.8051

■ 88.5980, -0.2948,
1.2296

■ 63.6090, 6.1088,
-46.1381

■ 91.5170, -0.7479,
6.5626

■ 60.8040, 6.9986,
-51.5711

■ 94.3220, -1.6377,
11.9956

■ 60.2060, 7.2934,
-52.8007

■ 97.1270, -2.5276,
17.4286

■ 99.7470, -2.8333,
22.1469

■ 102.5520, -3.7231,
27.5799

Harmonies

Analogous

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



78.7120, -3.3090, -12.0254



77.5630, 2.6804, -19.7878



77.2190, 7.7800, -22.1171

Triad

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



77.5630, 2.6804, -19.7878



83.4870, 8.1409, 2.2039



82.2700, -9.5001, 13.7952

Complementary

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



77.5630, 2.6804, -19.7878



65.4370, -2.6804, 19.7878

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.



82.9160, -5.8746, 17.6137



77.5630, 2.6804, -19.7878



83.9890, 3.4564, 11.4106

Square

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



77.5630, 2.6804, -19.7878



81.1050, 10.7942, -8.8621



83.4690, -1.2172, 17.1287



81.4000, -10.0572, 5.7882

Rectangle

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



77.5630, 2.6804, -19.7878



78.2130, 10.2480, -20.3578



83.4690, -1.2172, 17.1287



82.5090, -8.6319, 15.3396

Sweetspot

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



77.5630, 2.6804, -19.7878



110.8850, 1.0427, -7.7921



76.1650, -10.4343, -13.2997



56.3800, 0.3057, -4.7183



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.5630, 2.6804, -19.7878



98.5400, 4.1708, -31.1686



71.6760, 8.0477, -14.6249



41.8040, 0.5896, -2.4591



73.1830, 8.7838, -64.1815



160.6310, 18.9159, -140.8734

Inverse Universe

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



65.4370, -2.6804, 19.7878



79.4600, -4.1708, 31.1686



71.3240, -8.0477, 14.6249



40.3100, -0.1528, 2.3591



33.8170, -8.7838, 64.1815



74.3690, -18.9159, 140.8734

Previews

White Background



This preview shows how the YUV color 77.5630, 2.6804, -19.7878 looks on a white background.

Color Contrast Check

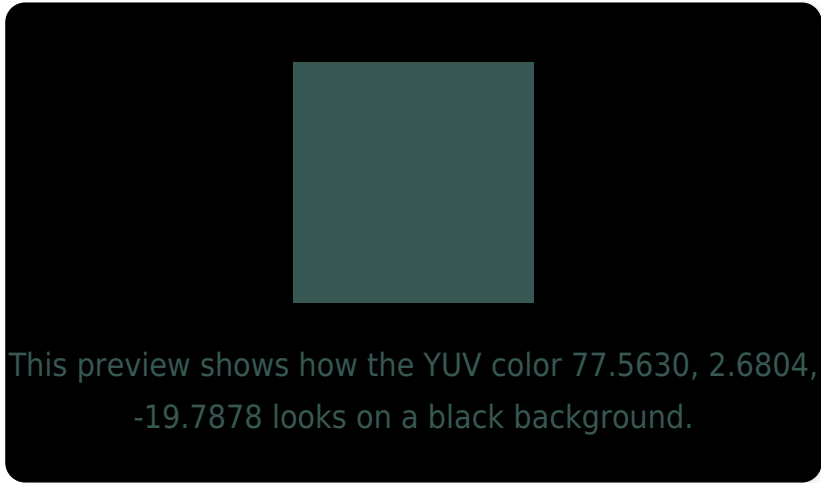
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.5630, 2.6804, -19.7878

Background



This preview shows how black text looks on a background with the YUV color 77.5630, 2.6804, -19.7878.



This preview shows how white text looks on a background with the YUV color 77.5630, 2.6804, -19.7878.

-19.7878.

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

77.5630, 2.6804, -19.7878

Protanopia

81.6690, -1.3158, 2.0443

Deuteranopia

82.3750, 1.2941, 4.9331



Tritanopia

78.4260, 7.1850, -17.9136

Trichromacy



Original Color

77.5630, 2.6804, -19.7878

Protanomaly

80.2550, -0.1257, -6.3626

Deuteranomaly

80.4340, 1.7580, -3.8886

Tritanomaly

78.2580, 5.2958, -18.6433

Monochromacy



Original Color

77.5630, 2.6804, -19.7878

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5630, 2.6804, -19.7878 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(55, 88, 83)` looks like.

```
.text, #text, p{  
    color:rgb(55, 88, 83)  
}
```

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(55, 88, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 88, 83) }
```

Border

The CSS property to change the border of an element to YUV 77.5630, 2.6804, -19.7878 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(55, 88, 83) }
```


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

```
.border{ border-color:rgb(55, 88, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 88, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 88, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 88, 83);  
box-shadow:4px 4px 4px 4px rgb(55, 88, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.5630, 2.6804, -19.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 88, 83) }
```

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

```
.background{ background-color: rgb(55, 88,  
83) }
```

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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