

Converting Colors

YUV(77.4430, 4.7116, -17.9285)

Have a look what the booklet for
YUV(77.4430, 4.7116, -17.9285)
contains.

YUV(77.4430, 4.7116, -17.9285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.4430, 4.7116,
-17.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	395657
RGB	57, 86, 87
RGB Percent	22%, 34%, 34%
CMY	0.7765, 0.6627, 0.6588
CMYK	0.34, 0.01, 0.00, 0.66
HSL	182°, 21%, 28%
HSV	182°, 34%, 34%
XYZ	6.7354, 8.2136, 10.2472
YIQ	77.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

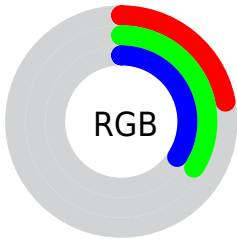
Format	Color
RYB	57, 72, 87
Decimal	3757655
CIELab	34.42, -10.43, -4.04
CIELCh	34, 11.188, 201.142
Yxy	8.2136, 0.2673, 0.3260
Android (android.graphics.Color)	4281947735 (0xFF395657)
YUV	77.4430, 4.7116, -17.9285
Hunter-Lab	28.6593, -8.2032, -1.1378

Details

The YUV color **77.4430, 4.7116, -17.9285** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.5570, -4.7116, 17.9285**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8450, 5.0064, -19.1581**, and **32.1440, 4.8590, -18.5433** is the 20% darker color. If you saturate the color by 10%, you get **74.7520, 6.0383, -23.4615**, and if you desaturate by 10%, it is **80.1340, 3.3849, -12.3955**.

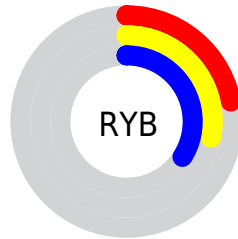
Distribution



 Red (22%)

 Green (34%)

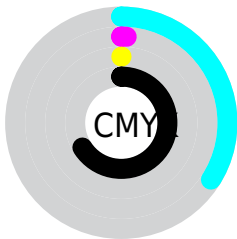
 Blue (34%)



 Red (22%)

 Yellow (28%)

 Blue (34%)

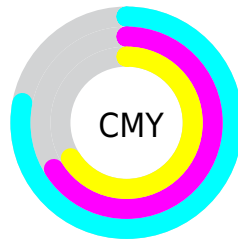


 Cyan (34%)

 Magenta (1%)

 Yellow (0%)

 Black (66%)



 Cyan (78%)

 Magenta (66%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4430, 4.7116, -17.9285 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 77.4430, 4.7116, -17.9285 by changing the saturation by 10% instead.

■ 77.4430, 4.7116,
-17.9285

■ 77.4430, 4.7116,
-17.9285

■ 255.0000, 0.0000,
0.0000

■ 54.4430, 4.7116,
-17.9285

■ 126.8450, 5.0064,
-19.1581

■ 32.1440, 4.8590,
-18.5433

■ 152.8450, 5.0064,
-19.1581

■ 14.7210, 3.0955,
-12.9103

■ 179.5460, 5.1538,
-19.7728

■ 0.0000, 0.0000,
0.0000

■ 207.5460, 5.1538,
-19.7728

■ 235.2470, 5.3012,
-20.3876

■ 250.8140, 2.0637,

-8.6069

■ 77.4430, 4.7116,
-17.9285

■ 77.4430, 4.7116,
-17.9285

■ 74.7520, 6.0383,
-23.4615

■ 80.1340, 3.3849,
-12.3955

■ 71.7730, 7.5069,
-27.8649

■ 83.1130, 1.9163,
-7.9921

■ 69.0820, 8.8336,
-33.3979

■ 85.8040, 0.5896,
-2.4591

■ 66.3910, 10.1602,
-38.9309

■ 88.4950, -0.7370,
3.0739

■ 63.9990, 11.3395,
-43.8491

■ 91.1860, -2.0637,
8.6069

■ 60.7210, 12.9555,
-48.8673

■ 94.1650, -3.5323,
13.0103

■ 59.2260, 13.6926,
-51.9412

■ 96.8560, -4.8590,
18.5433

■ 99.5470, -6.1857,
24.0763

■ 102.5260, -7.6543,
28.4797

Harmonies

Analogous

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



77.9120, 0.0434, -13.9548



77.4430, 4.7116, -17.9285



78.2520, 7.7638, -16.8840

Triad

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



77.4430, 4.7116, -17.9285



82.5970, 4.6357, 6.4924



80.5790, -8.1734, 8.2622

Complementary

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



77.4430, 4.7116, -17.9285



66.5570, -4.7116, 17.9285

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.



81.8400, -7.3161, 13.2953



77.4430, 4.7116, -17.9285



82.6040, 0.6882, 12.6253

Square

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



77.4430, 4.7116, -17.9285



81.6390, 7.5730, -2.3144



82.4750, -3.6852, 15.3694



79.6490, -7.7150, 1.1848

Rectangle

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



77.4430, 4.7116, -17.9285



78.9150, 8.9159, -13.0805



82.4750, -3.6852, 15.3694



80.8890, -8.3263, 10.6213

Sweetspot

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



77.4430, 4.7116, -17.9285



108.7110, 1.6215, -6.7625



74.7240, -8.2449, -15.5439



53.9070, 1.0318, -4.3034



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.4430, 4.7116, -17.9285



97.6590, 7.0701, -27.7649



68.6380, 9.0525, -10.2065



41.8040, 0.5896, -2.4591



73.2460, 16.6407, -64.2367



160.0390, 36.9558, -140.3542

Inverse Universe

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



69.2760, 8.2449, 15.5439



84.8840, 12.8752, 23.7807



75.3620, -9.0525, 10.2065



40.6520, 1.1576, 2.0592



43.8490, 29.6544, 55.3834



96.1430, 64.5125, 121.7776

Previews

White Background



This preview shows how the YUV color 77.4430, 4.7116, -17.9285 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 77.4430, 4.7116, -17.9285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

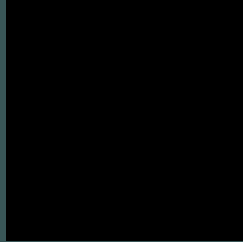
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4430, 4.7116, -17.9285

Background



This preview shows how black text looks on a background with the YUV color 77.4430, 4.7116, -17.9285.



This preview shows how white text looks on a background with the YUV color 77.4430, 4.7116, -17.9285.

-17.9285.

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

77.4430, 4.7116, -17.9285

Protanopia

80.7550, 1.5998, 0.2149

Deuteranopia

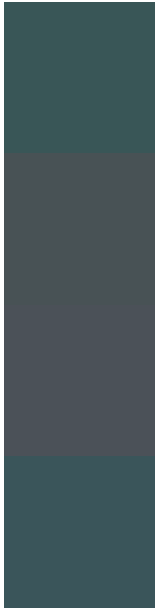
81.3470, 3.7729, 3.2037



Tritanopia

77.7250, 7.0376, -17.2988

Trichromacy



Original Color

77.4430, 4.7116, -17.9285

Protanomaly

79.3520, 2.7845, -6.4477

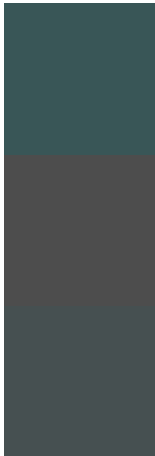
Deuteranomaly

80.0040, 3.9420, -4.3885

Tritanomaly

77.4970, 6.1640, -17.0989

Monochromacy



Original Color

77.4430, 4.7116, -17.9285

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4430, 4.7116, -17.9285 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(57, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(57, 86, 87)  
}
```

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(57, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 86, 87) }
```

Border

The CSS property to change the border of an element to YUV 77.4430, 4.7116, -17.9285 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(57, 86, 87) }
```


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

```
.border{ border-color:rgb(57, 86, 87) }
```

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

Here you see how a box with a 4 pixel rgb(57, 86, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(57, 86, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.4430, 4.7116, -17.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 86, 87) }
```

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

```
.background{ background-color: rgb(57, 86,  
87) }
```

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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