

Converting Colors

YUV(81.6910, 11.9843,
-17.2690)

Have a look what the booklet for
YUV(81.6910, 11.9843, -17.2690)
contains.

YUV(81.6910, 11.9843, -17.2690)	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(81.6910, 11.9843,
-17.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	3E576A
RGB	62, 87, 106
RGB Percent	24%, 34%, 42%
CMY	0.7569, 0.6588, 0.5843
CMYK	0.42, 0.18, 0.00, 0.58
HSL	206°, 26%, 33%
HSV	206°, 42%, 42%
XYZ	7.9963, 8.8811, 14.9284
YIQ	81.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

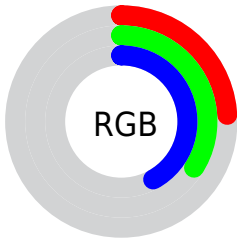
Format	Color
R_{YB}	62, 78, 106
Decimal	4085610
CIE _{Lab}	35.75, -3.99, -13.90
CIE _{LCh}	36, 14.459, 253.980
Yxy	8.8811, 0.2514, 0.2792
Android (android.graphics.Color)	4282275690 (0xFF3E576A)
YUV	81.6910, 11.9843, -17.2690
Hunter-Lab	29.8012, -4.2567, -8.8395

Details

The YUV color **81.6910, 11.9843, -17.2690** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.3090, -11.9843, 17.2690**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5060, 12.5685, -17.9838**, and **35.5660, 11.5530, -18.9134** is the 20% darker color. If you saturate the color by 10%, you get **75.4670, 15.0528, -21.4576**, and if you desaturate by 10%, it is **87.9150, 8.9159, -13.0805**.

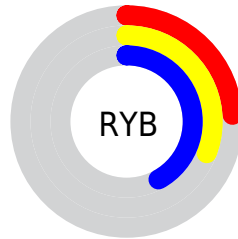
Distribution



Red (24%)

Green (34%)

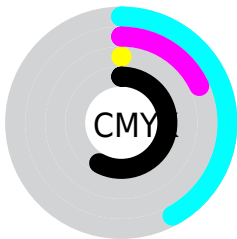
Blue (42%)



Red (24%)

Yellow (31%)

Blue (42%)

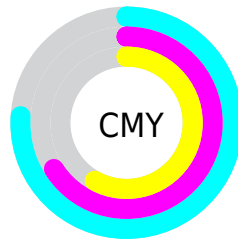


Cyan (42%)

Magenta (18%)

Yellow (0%)

Black (58%)



Cyan (76%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6910, 11.9843, -17.2690 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 81.6910, 11.9843, -17.2690 by changing the saturation by 10% instead.

■ 81.6910, 11.9843,
-17.2690

■ 81.6910, 11.9843,
-17.2690

■ 255.0000, 0.0000,
0.0000

■ 58.2780, 11.6949,
-17.7838

■ 131.5060, 12.5685,
-17.9838

■ 35.5660, 11.5530,
-18.9134

■ 157.6200, 13.0053,
-18.0837

■ 17.1320, 9.7949,
-15.0248

■ 184.7340, 13.4421,
-18.1837

■ 2.2970, 6.2626,
-2.0145

■ 212.7340, 13.4421,
-18.1837

■ 0.0000, 0.0000,
0.0000

■ 239.2520, 7.7638,
-16.8840

■ 252.9070, 1.0318,

-4.3034

■ 81.6910, 11.9843,
-17.2690

■ 81.6910, 11.9843,
-17.2690

■ 75.4670, 15.0528,
-21.4576

■ 87.9150, 8.9159,
-13.0805

■ 70.1290, 17.6844,
-25.5461

■ 93.2530, 6.2843,
-8.9919

■ 63.9050, 20.7528,
-29.7347

■ 99.4770, 3.2158,
-4.8033

■ 58.5670, 23.3845,
-33.8233

■ 104.8150, 0.5842,
-0.7148

■ 52.3430, 26.4529,
-38.0118

■ 111.0390, -2.4842,
3.4738

■ 47.3040, 28.9371,
-41.4856

■ 116.6760, -5.2633,
8.1771

■ 122.6010, -8.1843,
11.7509

■ 128.8250,
-11.2527, 15.9395

■ 134.1630,
-13.8844, 20.0280

Harmonies

Analogous

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



79.7780, 9.9694, -24.3613



81.6910, 11.9843, -17.2690



84.1270, 10.7834, -5.3734

Triad

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



81.6910, 11.9843, -17.2690



85.9100, -3.4066, 19.3729



81.4200, -7.1091, -6.5073

Complementary

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



81.6910, 11.9843, -17.2690



86.3090, -11.9843, 17.2690

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.



82.9760, -10.3412, 3.5290



81.6910, 11.9843, -17.2690



85.3460, -8.0586, 18.1136

Square

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



81.6910, 11.9843, -17.2690



85.7830, 2.5720, 15.0993



83.9170, -10.8051, 12.3508



79.8470, -1.4036, -16.5288

Rectangle

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



81.6910, 11.9843, -17.2690



85.6010, 8.5777, 2.1039



83.9170, -10.8051, 12.3508



81.8010, -8.2829, -3.3335

Sweetspot

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



81.6910, 11.9843, -17.2690



128.8080, 4.5317, -6.8476



89.8800, -4.8708, -24.4508



63.6620, 2.6316, -4.0886



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



81.6910, 11.9843, -17.2690



99.7590, 18.8528, -26.9756



69.3640, 18.0615, -6.4582



50.4450, 1.7526, -2.1443



52.6670, 31.7162, -46.1890



109.5230, 66.7902, -96.0517

Inverse Universe

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



78.0060, 4.4340, 24.5507



94.0770, 6.8640, 38.5205



98.6360, -18.0615, 6.4582



50.1360, 0.4260, 3.3887



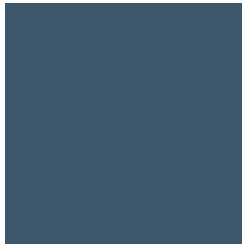
42.6210, 12.0188, 65.2304



89.1010, 24.6002, 136.7234

Previews

White Background



This preview shows how the YUV color 81.6910, 11.9843, -17.2690 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 81.6910, 11.9843, -17.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

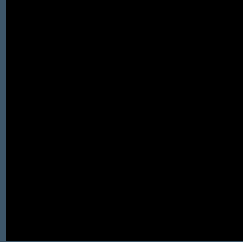
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

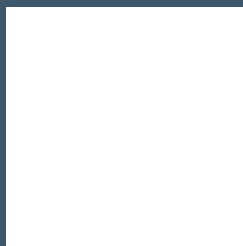
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 81.6910, 11.9843, -17.2690

Background



This preview shows how black text looks on a background with the YUV color 81.6910, 11.9843, -17.2690.



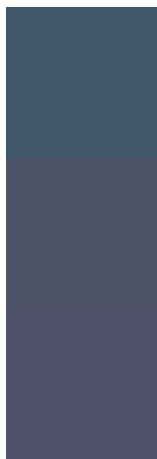
This preview shows how white text looks on a background with the YUV color 81.6910, 11.9843,

-17.2690.

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

81.6910, 11.9843, -17.2690

Protanopia

84.0840, 9.3256, -4.4587

Deuteranopia

84.2520, 11.2148, -3.7290



Tritanopia

80.8280, 7.4798, -19.1432

Trichromacy



Original Color

81.6910, 11.9843, -17.2690

Protanomaly

82.9910, 10.3574, -8.7621

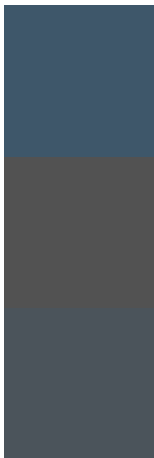
Deuteranomaly

83.3330, 11.6678, -9.0620

Tritanomaly

80.9960, 9.3690, -18.4135

Monochromacy



Original Color

81.6910, 11.9843, -17.2690

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6910, 11.9843, -17.2690 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(62, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(62, 87, 106)  
}
```

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(62, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 87, 106) }
```

Border

The CSS property to change the border of an element to YUV 81.6910, 11.9843, -17.2690 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(62, 87, 106) }
```


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

```
.border{ border-color:rgb(62, 87, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 87, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(62, 87,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 81.6910, 11.9843, -17.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 87, 106) }
```

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

```
.background{ background-color: rgb(62, 87,  
106) }
```

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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