

Converting Colors

YUV(83.3210, 13.1527,
-18.6985)

Have a look what the booklet for
YUV(83.3210, 13.1527, -18.6985)
contains.

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Color

**YUV(83.3210, 13.1527,
-18.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	3E596E
RGB	62, 89, 110
RGB Percent	24%, 35%, 43%
CMY	0.7569, 0.6510, 0.5686
CMYK	0.44, 0.19, 0.00, 0.57
HSL	206°, 28%, 34%
HSV	206°, 44%, 43%
XYZ	8.3735, 9.2947, 16.1046
YIQ	83.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

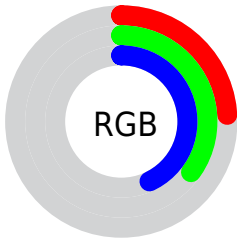
Format	Color
RYB	62, 79, 110
Decimal	4086126
CIELab	36.55, -4.01, -15.17
CIELCh	37, 15.694, 255.200
Yxy	9.2947, 0.2479, 0.2752
Android (android.graphics.Color)	4282276206 (0xFF3E596E)
YUV	83.3210, 13.1527, -18.6985
Hunter-Lab	30.4872, -4.3266, -9.9784

Details

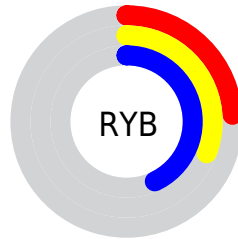
The YUV color **83.3210, 13.1527, -18.6985** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.6790, -13.1527, 18.6985**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5490, 14.0263, -18.8985**, and **36.4840, 12.5794, -21.4725** is the 20% darker color. If you saturate the color by 10%, you get **77.0970, 16.2212, -22.8871**, and if you desaturate by 10%, it is **89.5450, 10.0843, -14.5100**.

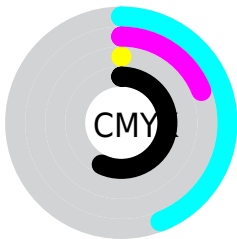
Distribution



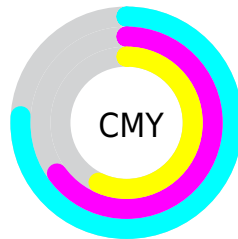
- Red (24%)
- Green (35%)
- Blue (43%)



- Red (24%)
- Yellow (31%)
- Blue (43%)



- Cyan (44%)
- Magenta (19%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3210, 13.1527, -18.6985 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 83.3210, 13.1527, -18.6985 by changing the saturation by 10% instead.

■ 83.3210, 13.1527,
-18.6985

■ 83.3210, 13.1527,
-18.6985

■ 255.0000, 0.0000,
0.0000

■ 59.9080, 12.8634,
-19.2133

■ 133.5490, 14.0263,
-18.8985

■ 36.4840, 12.5794,
-21.4725

■ 159.6630, 14.4631,
-18.9985

■ 18.0610, 10.8159,
-15.8395

■ 186.6630, 14.4631,
-18.9985

■ 2.8670, 8.4466,
-2.5144

■ 214.4780, 15.0473,
-19.7132

■ 0.0000, 0.0000,
0.0000

■ 241.0130, 6.8956,
-18.4284

■ 253.2060, 0.8844,

-3.6887

■ 83.3210, 13.1527,
-18.6985

■ 83.3210, 13.1527,
-18.6985

■ 77.0970, 16.2212,
-22.8871

■ 89.5450, 10.0843,
-14.5100

■ 70.8730, 19.2896,
-27.0756

■ 95.7690, 7.0159,
-10.3214

■ 65.2360, 22.0687,
-31.7790

■ 101.4060, 4.2368,
-5.6181

■ 59.0120, 25.1371,
-35.9675

■ 107.6300, 1.1684,
-1.4295

■ 52.7880, 28.2055,
-40.1561

■ 113.8540, -1.9000,
2.7590

■ 48.9340, 30.1055,
-42.9151

■ 120.0780, -4.9685,
6.9476

■ 126.3020, -8.0369,
11.1361

■ 132.5260,
-11.1053, 15.3247

■ 138.1630,
-13.8844, 20.0280

Harmonies

Analogous

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



80.6960, 10.9959, -26.9204



83.3210, 13.1527, -18.6985



86.0560, 11.8044, -6.1881

Triad

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



83.3210, 13.1527, -18.6985



87.8070, -3.8489, 21.2173



83.2950, -7.5404, -8.1517

Complementary

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



83.3210, 13.1527, -18.6985



88.6790, -13.1527, 18.6985

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.



84.7480, -11.2148, 3.7290



83.3210, 13.1527, -18.6985



86.8300, -8.7902, 19.4431

Square

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



83.3210, 13.1527, -18.6985



87.7940, 2.5666, 16.8437



85.9880, -11.8261, 13.1655



81.5370, -1.2507, -18.8879

Rectangle

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



83.3210, 13.1527, -18.6985



87.5410, 9.5933, 3.0335



85.9880, -11.8261, 13.1655



83.8610, -9.2985, -4.2631

Sweetspot

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



83.3210, 13.1527, -18.6985



132.6230, 5.1159, -7.5624



92.5700, -4.7180, -26.8099



64.7760, 3.0684, -4.1886



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.3210, 13.1527, -18.6985



101.5030, 20.4580, -28.5051



69.2330, 20.0981, -6.3433



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.7510, 67.6638, -96.2516

Inverse Universe

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



79.4300, 4.7180, 26.8099



95.8000, 7.0006, 41.3944



102.7670, -20.0981, 6.3433



52.2500, 0.8628, 3.2888



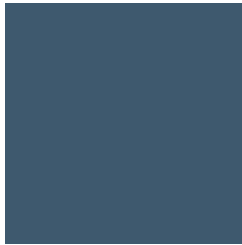
43.5180, 11.5766, 67.0747



89.6990, 24.3054, 137.9530

Previews

White Background



This preview shows how the YUV color 83.3210, 13.1527, -18.6985 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 83.3210, 13.1527, -18.6985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

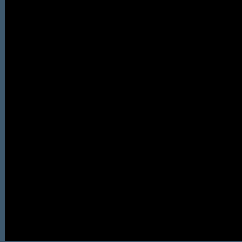
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

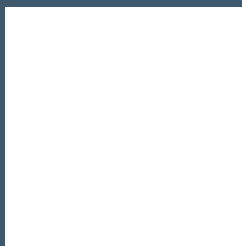
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.3210, 13.1527, -18.6985

Background



This preview shows how black text looks on a background with the YUV color 83.3210, 13.1527, -18.6985.



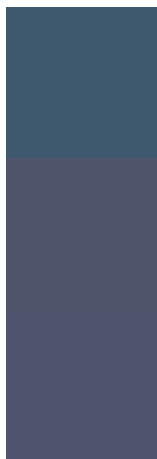
This preview shows how white text looks on a background with the YUV color 83.3210, 13.1527,

-18.6985.

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

83.3210, 13.1527, -18.6985

Protanopia

86.0130, 10.3466, -5.2734

Deuteranopia

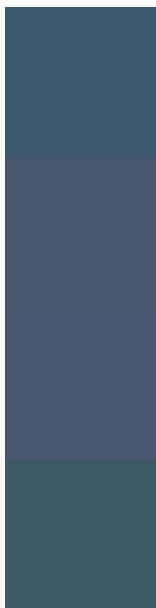
86.1810, 12.2358, -4.5437



Tritanopia

82.2300, 7.7746, -20.3727

Trichromacy



Original Color

83.3210, 13.1527, -18.6985

Protanomaly

84.6210, 11.5258, -10.1916

Deuteranomaly

85.2620, 12.6888, -9.8768

Tritanomaly

82.3980, 9.6638, -19.6430

Monochromacy



Original Color

83.3210, 13.1527, -18.6985

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3210, 13.1527, -18.6985 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, 89, 110)` looks like.

```
.text, #text, p{  
    color:rgb(62, 89, 110)  
}
```

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, 89, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 89, 110) }
```

Border

The CSS property to change the border of an element to YUV 83.3210, 13.1527, -18.6985 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, 89, 110) }
```


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

```
.border{ border-color:rgb(62, 89, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 89, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 89, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 89, 110);  
box-shadow:4px 4px 4px 4px rgb(62, 89,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 83.3210, 13.1527, -18.6985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 89, 110) }
```

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

```
.background{ background-color: rgb(62, 89,  
110) }
```

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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