

Converting Colors

YUV(83.8540, 11.4110,
-20.0430)

Have a look what the booklet for
YUV(83.8540, 11.4110, -20.0430)
contains.

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Color

**YUV(83.8540, 11.4110,
-20.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5B6B
RGB	61, 91, 107
RGB Percent	24%, 36%, 42%
CMY	0.7608, 0.6431, 0.5804
CMYK	0.43, 0.15, 0.00, 0.58
HSL	201°, 27%, 33%
HSV	201°, 43%, 42%
XYZ	8.3194, 9.5358, 15.3120
YIQ	83.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

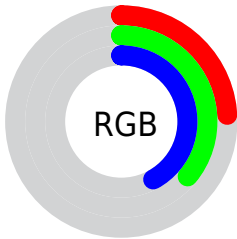
Format	Color
R _Y B	61, 79, 107
Decimal	4021099
CIE Lab	37.00, -6.43, -12.63
CIE LCh	37, 14.175, 243.021
Yxy	9.5358, 0.2508, 0.2875
Android (android.graphics.Color)	4282211179 (0xFF3D5B6B)
YUV	83.8540, 11.4110, -20.0430
Hunter-Lab	30.8801, -5.9506, -7.7831

Details

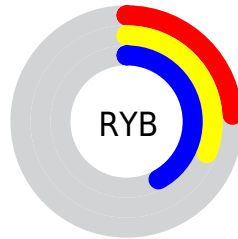
The YUV color **83.8540, 11.4110, -20.0430** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.1460, -11.4110, 20.0430**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9680, 11.8478, -20.1429**, and **36.8430, 11.4164, -21.7873** is the 20% darker color. If you saturate the color by 10%, you get **78.2170, 14.1900, -24.7463**, and if you desaturate by 10%, it is **89.4910, 8.6319, -15.3396**.

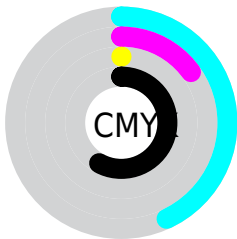
Distribution



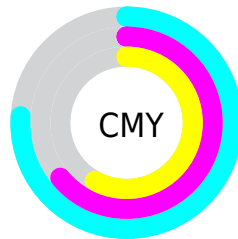
- Red (24%)
- Green (36%)
- Blue (42%)



- Red (24%)
- Yellow (31%)
- Blue (42%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8540, 11.4110, -20.0430 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 83.8540, 11.4110, -20.0430 by changing the saturation by 10% instead.

■ 83.8540, 11.4110,
-20.0430

■ 83.8540, 11.4110,
-20.0430

■ 255.0000, 0.0000,
0.0000

■ 60.4410, 11.1216,
-20.5578

■ 133.9680, 11.8478,
-20.1429

■ 36.8430, 11.4164,
-21.7873

■ 160.0820, 12.2846,
-20.2429

■ 19.0070, 9.3635,
-16.6691

■ 187.4840, 12.5794,
-21.4725

■ 2.5250, 7.1362,
-2.2144

■ 215.4840, 12.5794,
-21.4725

■ 0.0000, 0.0000,
0.0000

■ 241.8880, 6.4642,
-20.0728

■ 252.9070, 1.0318,

-4.3034

■ 83.8540, 11.4110,
-20.0430

■ 83.8540, 11.4110,
-20.0430

■ 78.2170, 14.1900,
-24.7463

■ 89.4910, 8.6319,
-15.3396

■ 73.4660, 16.5323,
-29.3497

■ 94.2420, 6.2897,
-10.7362

■ 67.8290, 19.3113,
-34.0530

■ 99.8790, 3.5107,
-6.0329

■ 62.1920, 22.0903,
-38.7564

■ 105.5160, 0.7316,
-1.3295

■ 56.5550, 24.8694,
-43.4597

■ 111.1530, -2.0474,
3.3738

■ 53.2880, 26.4800,
-46.7336

■ 115.9040, -4.3897,
7.9772

■ 121.5410, -7.1687,
12.6805

■ 127.1780, -9.9478,
17.3839

■ 131.9290,
-12.2900, 21.9873

Harmonies

Analogous

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



82.3220, 8.2223, -23.9614



83.8540, 11.4110, -20.0430



86.6210, 11.5258, -10.1916

Triad

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



83.8540, 11.4110, -20.0430



89.0670, -1.5120, 18.3582



85.1000, -8.4303, -2.7187

Complementary

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



83.8540, 11.4110, -20.0430



84.1460, -11.4110, 20.0430

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.



86.4710, -11.0782, 6.6029



83.8540, 11.4110, -20.0430



88.4000, -6.6062, 18.9432

Square

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



83.8540, 11.4110, -20.0430



88.9290, 4.4720, 12.3403



87.4550, -10.0843, 14.5100



83.8860, -3.8878, -13.0550

Rectangle

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



83.8540, 11.4110, -20.0430



87.6220, 10.0464, -2.2995



87.4550, -10.0843, 14.5100



85.4810, -9.6041, 0.4552

Sweetspot

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



83.8540, 11.4110, -20.0430



131.0960, 4.3897, -7.9772



89.7120, -6.7600, -25.1804



65.3630, 2.7790, -4.7034



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.



83.8540, 11.4110, -20.0430



103.4980, 17.9955, -32.0087



70.9400, 17.7776, -8.7174



51.0320, 1.4632, -2.6591



58.5370, 28.8223, -51.3369



121.8500, 60.7129, -106.8624

Inverse Universe

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



78.1740, 6.3232, 25.2804



94.2990, 10.2056, 40.0798



97.0600, -17.7776, 8.7174



50.2500, 0.8628, 3.2887



43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Previews

White Background



This preview shows how the YUV color 83.8540, 11.4110, -20.0430 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 83.8540, 11.4110, -20.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

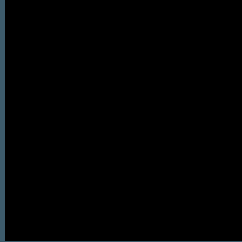
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

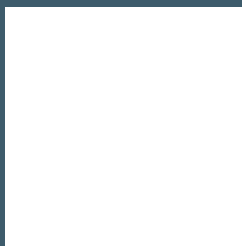
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.8540, 11.4110, -20.0430

Background



This preview shows how black text looks on a background with the YUV color 83.8540, 11.4110, -20.0430.



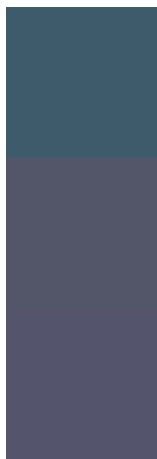
This preview shows how white text looks on a background with the YUV color 83.8540, 11.4110,

-20.0430.

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

83.8540, 11.4110, -20.0430

Protanopia

87.1550, 8.3046, -3.6439

Deuteranopia

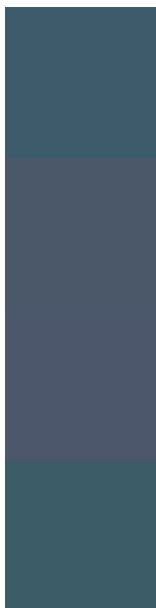
87.3230, 10.1938, -2.9143



Tritanopia

83.0450, 8.3588, -21.0875

Trichromacy



Original Color

83.8540, 11.4110, -20.0430

Protanomaly

86.0510, 9.3419, -9.6917

Deuteranomaly

86.1050, 10.7942, -8.8621

Tritanomaly

83.6860, 9.5218, -20.7726

Monochromacy



Original Color

83.8540, 11.4110, -20.0430

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2810, 3.8055, -7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8540, 11.4110, -20.0430 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(61, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(61, 91, 107)  
}
```

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(61, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 91, 107) }
```

Border

The CSS property to change the border of an element to YUV 83.8540, 11.4110, -20.0430 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(61, 91, 107) }
```


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

```
.border{ border-color:rgb(61, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(61, 91,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 83.8540, 11.4110, -20.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 91, 107) }
```

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

```
.background{ background-color: rgb(61, 91,  
107) }
```

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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