

Converting Colors

YUV(85.9280, -0.9505, -21.8619)

Have a look what the booklet for
YUV(85.9280, -0.9505, -21.8619)
contains.

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Color

**YUV(85.9280, -0.9505,
-21.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6354
RGB	61, 99, 84
RGB Percent	24%, 39%, 33%
CMY	0.7608, 0.6118, 0.6706
CMYK	0.38, 0.00, 0.15, 0.61
HSL	156°, 24%, 31%
HSV	156°, 38%, 39%
XYZ	7.9865, 10.5559, 10.0041
YIQ	85.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

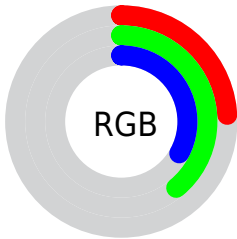
Format	Color
R_{YB}	61, 85, 99
Decimal	4023124
CIE _{Lab}	38.82, -17.30, 4.27
CIE _{LCh}	39, 17.823, 166.127
Yxy	10.5559, 0.2798, 0.3698
Android (android.graphics.Color)	4282213204 (0xFF3D6354)
YUV	85.9280, -0.9505, -21.8619
Hunter-Lab	32.4898, -12.9788, 4.4867

Details

The YUV color **85.9280, -0.9505, -21.8619** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.0720, 0.9505, 21.8619**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1020, -1.5293, -22.8915**, and **39.1560, -0.0769, -22.0618** is the 20% darker color. If you saturate the color by 10%, you get **82.4820, -1.2236, -27.6097**, and if you desaturate by 10%, it is **89.3740, -0.6774, -16.1140**.

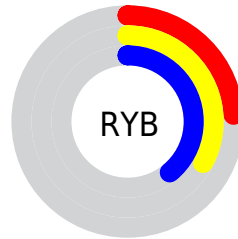
Distribution



Red (24%)

Green (39%)

Blue (33%)



Red (24%)

Yellow (33%)

Blue (39%)

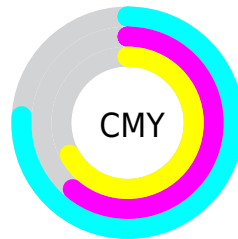


Cyan (38%)

Magenta (0%)

Yellow (15%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9280, -0.9505, -21.8619 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 85.9280, -0.9505, -21.8619 by changing the saturation by 10% instead.

85.9280, -0.9505,
-21.8619

85.9280, -0.9505,
-21.8619

255.0000, 0.0000,
0.0000

62.3410, -0.6611,
-21.3471

136.1020, -1.5293,
-22.8915

39.1560, -0.0769,
-22.0618

162.8030, -1.3819,
-23.5062

20.3630, -0.6720,
-17.8584

189.8030, -1.3819,
-23.5062

0.0000, 0.0000,
0.0000

217.3900, -1.6713,
-24.0210

242.5690, 0.2125,
-21.5470

252.6080, 1.1793,

-4.9182

■ 85.9280, -0.9505,
-21.8619

■ 85.9280, -0.9505,
-21.8619

■ 82.4820, -1.2236,
-27.6097

■ 89.3740, -0.6774,
-16.1140

■ 79.0360, -1.4967,
-33.3576

■ 92.8200, -0.4043,
-10.3661

■ 75.5900, -1.7699,
-39.1054

■ 96.2660, -0.1311,
-4.6183

■ 72.1440, -2.0430,
-44.8533

■ 99.7120, 0.1420,
1.1296

■ 68.9970, -2.4635,
-49.9864

■ 103.1580, 0.4151,
6.8774

■ 65.6650, -2.2998,
-55.8342

■ 106.1910, 0.3988,
12.1105

■ 64.9530, -2.4418,
-56.9638

■ 109.6370, 0.6720,
17.8584

■ 113.0830, 0.9451,
23.6062

■ 116.5290, 1.2182,
29.3541

Harmonies

Analogous

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



88.0560, -8.4086, -9.6961



85.9280, -0.9505, -21.8619



84.0500, 7.3704, -30.7388

Triad

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



85.9280, -0.9505, -21.8619



91.5120, 13.5516, -6.5880



92.6840, -10.6902, 22.2021

Complementary

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



85.9280, -0.9505, -21.8619



74.0720, 0.9505, 21.8619

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.



93.3020, -4.5859, 24.2911



85.9280, -0.9505, -21.8619



93.4600, 9.1402, 8.3666

Square

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



85.9280, -0.9505, -21.8619



88.4670, 15.0528, -21.4576



93.5170, 2.7031, 19.7176



91.2440, -13.4313, 14.6950

Rectangle

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



85.9280, -0.9505, -21.8619



84.4780, 11.5963, -32.8682



93.5170, 2.7031, 19.7176



92.2650, -8.5116, 23.4466

Sweetspot

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



85.9280, -0.9505, -21.8619



122.4180, -0.6991, -9.1366



87.7910, -13.2080, -10.3407



60.8530, -0.4205, -5.1331



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



85.9280, -0.9505, -21.8619



107.6230, -1.7861, -33.8724



85.2900, 6.7590, -21.3023



46.6900, 0.1528, -2.3591



73.4960, -2.7095, -64.4560



157.4100, -6.1181, -138.0486

Inverse Universe

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



74.0720, 0.9505, 21.8619



89.2630, 1.3493, 33.9723



74.7100, -6.7590, 21.3023



45.4240, 0.2840, 2.2592



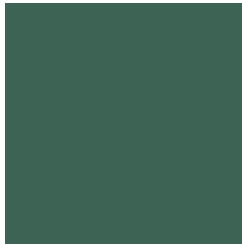
38.5040, 2.7095, 64.4560



82.5900, 6.1181, 138.0486

Previews

White Background



This preview shows how the YUV color 85.9280, -0.9505, -21.8619 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 × Fail

Black Background



This preview shows how the YUV color 85.9280, -0.9505, -21.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

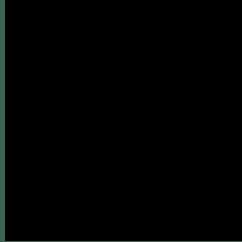
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9280, -0.9505, -21.8619

Background



This preview shows how black text looks on a background with the YUV color 85.9280, -0.9505, -21.8619.



This preview shows how white text looks on a background with the YUV color 85.9280, -0.9505,

-21.8619.

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

85.9280, -0.9505, -21.8619

Protanopia

90.9420, -5.3944, 3.5589

Deuteranopia

91.9580, -2.9373, 8.8068



Tritanopia

87.9420, 7.9166, -19.2431

Trichromacy



Original Color

85.9280, -0.9505, -21.8619

Protanomaly

89.2290, -4.0569, -5.4628

Deuteranomaly

89.7070, -2.3206, -2.3740

Tritanomaly

87.1330, 4.8644, -20.2876

Monochromacy



Original Color

85.9280, -0.9505, -21.8619

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9280, -0.9505, -21.8619 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, 99, 84)` looks like.

```
.text, #text, p{  
    color:rgb(61, 99, 84)  
}
```

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, 99, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 99, 84) }
```

Border

The CSS property to change the border of an element to YUV 85.9280, -0.9505, -21.8619 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, 99, 84) }
```


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

```
.border{ border-color:rgb(61, 99, 84) }
```

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

Here you see how a box with a 4 pixel rgb(61, 99, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 99, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 99, 84);  
box-shadow:4px 4px 4px 4px rgb(61, 99, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.9280, -0.9505, -21.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 99, 84) }
```

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

```
.background{ background-color: rgb(61, 99,  
84) }
```

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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