

Converting Colors

YUV(81.1300, -4.0081, -21.1620)

Have a look what the booklet for
YUV(81.1300, -4.0081, -21.1620)
contains.

YUV(81.1300, -4.0081, -21.1620)	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(81.1300, -4.0081,
-21.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	395F49
RGB	57, 95, 73
RGB Percent	22%, 37%, 29%
CMY	0.7765, 0.6275, 0.7137
CMYK	0.40, 0.00, 0.23, 0.63
HSL	145°, 25%, 30%
HSV	145°, 40%, 37%
XYZ	6.9821, 9.5353, 7.7758
YIQ	81.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

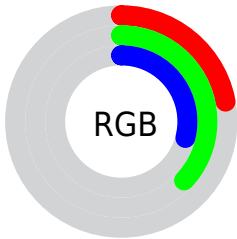
Format	Color
R_{YB}	57, 84, 95
Decimal	3759945
CIE Lab	37.00, -19.02, 8.39
CIE LCh	37, 20.792, 156.190
Yxy	9.5353, 0.2874, 0.3925
Android (android.graphics.Color)	4281950025 (0xFF395F49)
YUV	81.1300, -4.0081, -21.1620
Hunter-Lab	30.8793, -13.6780, 6.6855

Details

The YUV color **81.1300, -4.0081, -21.1620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.8700, 4.0081, 21.1620**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3040, -4.5869, -22.1916**, and **34.4720, -2.6977, -21.4619** is the 20% darker color. If you saturate the color by 10%, you get **77.8690, -4.8654, -26.1951**, and if you desaturate by 10%, it is **84.8040, -2.8614, -15.6141**.

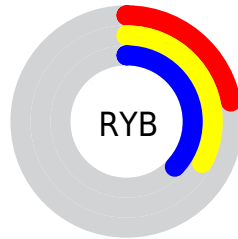
Distribution



Red (22%)

Green (37%)

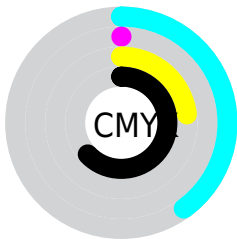
Blue (29%)



Red (22%)

Yellow (33%)

Blue (37%)

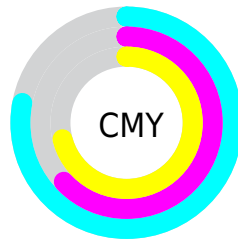


Cyan (40%)

Magenta (0%)

Yellow (23%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1300, -4.0081, -21.1620 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 81.1300, -4.0081, -21.1620 by changing the saturation by 10% instead.

81.1300, -4.0081,
-21.1620

81.1300, -4.0081,
-21.1620

255.0000, 0.0000,
0.0000

57.5430, -3.7187,
-20.6472

131.3040, -4.5869,
-22.1916

34.4720, -2.6977,
-21.4619

156.8910, -4.8763,
-22.7064

17.4790, -6.6451,
-15.3291

184.4780, -5.1657,
-23.2212

0.0000, 0.0000,
0.0000

212.0650, -5.4550,
-23.7360

239.4780, -5.1657,
-23.2212

251.1130, 1.9163,

-7.9921

■ 81.1300, -4.0081,
-21.1620

■ 81.1300, -4.0081,
-21.1620

■ 77.8690, -4.8654,
-26.1951

■ 84.8040, -2.8614,
-15.6141

■ 74.1950, -6.0121,
-31.7430

■ 88.0650, -2.0040,
-10.5810

■ 70.9340, -6.8695,
-36.7761

■ 91.7390, -0.8573,
-5.0331

■ 67.2600, -8.0162,
-42.3240

■ 95.0000, 0.0000,
0.0000

■ 63.7000, -8.7261,
-47.9719

■ 98.6740, 1.1467,
5.5479

■ 60.3250, -10.0202,
-52.9050

■ 101.9350, 2.0040,
10.5810

■ 105.4950, 2.7140,
16.2289

■ 108.8700, 4.0081,
21.1620

■ 112.4300, 4.7180,
26.8099

Harmonies

Analogous

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



83.8670, -11.7664, -6.0224



81.1300, -4.0081, -21.1620



77.6750, 6.0762, -35.6720

Triad

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



81.1300, -4.0081, -21.1620



85.6790, 16.9203, -13.7505



87.9450, -9.8329, 27.2352

Complementary

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



81.1300, -4.0081, -21.1620



70.8700, 4.0081, 21.1620

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.



88.8940, -2.4127, 27.2800



81.1300, -4.0081, -21.1620



88.6490, 12.4980, 4.6928

Square

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



81.1300, -4.0081, -21.1620



80.1990, 18.1429, -32.6235



89.3150, 5.7607, 19.0177



86.9350, -14.7580, 20.2280

Rectangle

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



81.1300, -4.0081, -21.1620



76.2380, 12.2077, -42.3047



89.3150, 5.7607, 19.0177



88.2270, -7.5069, 27.8649

Sweetspot

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



81.1300, -4.0081, -21.1620



116.9020, -1.4307, -7.8071



85.8840, -14.2398, -6.0373



58.0380, -1.0047, -4.4183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



81.1300, -4.0081, -21.1620



100.7820, -6.3015, -32.2578



83.2960, 4.2911, -23.0616



46.5760, -0.2840, -2.2592



71.1020, -11.8823, -62.3565



152.3940, -25.3372, -133.6495

Inverse Universe

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



70.8700, 4.0081, 21.1620



85.2180, 6.3015, 32.2578



68.7040, -4.2911, 23.0616



45.4240, 0.2840, 2.2592



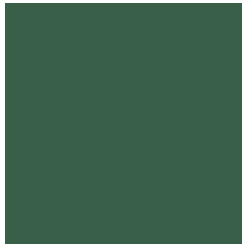
40.8980, 11.8823, 62.3565



87.6060, 25.3372, 133.6495

Previews

White Background



This preview shows how the YUV color 81.1300, -4.0081, -21.1620 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 81.1300, -4.0081, -21.1620 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 81.1300, -4.0081, -21.1620

Background



This preview shows how black text looks on a background with the YUV color 81.1300, -4.0081, -21.1620.



This preview shows how white text looks on a background with the YUV color 81.1300, -4.0081, -21.1620.

-21.1620.

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

81.1300, -4.0081, -21.1620

Protanopia

86.4430, -8.5994, 4.8735

Deuteranopia

86.8720, -5.8529, 10.6363



Tritanopia

84.1270, 7.3324, -18.5284

Trichromacy



Original Color

81.1300, -4.0081, -21.1620

Protanomaly

84.4310, -7.1145, -4.7630

Deuteranomaly

84.6210, -5.2362, -0.5446

Tritanomaly

83.0900, 3.4066, -19.3729

Monochromacy



Original Color

81.1300, -4.0081, -21.1620

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1300, -4.0081, -21.1620 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, 95, 73)` looks like.

```
.text, #text, p{  
    color:rgb(57, 95, 73)  
}
```

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, 95, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 95, 73) }
```

Border

The CSS property to change the border of an element to YUV 81.1300, -4.0081, -21.1620 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, 95, 73) }
```


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

```
.border{ border-color:rgb(57, 95, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 95, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 95, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 95, 73);  
box-shadow:4px 4px 4px 4px rgb(57, 95, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.1300, -4.0081, -21.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 95, 73) }
```

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

```
.background{ background-color: rgb(57, 95,  
73) }
```

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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