

Converting Colors

YUV(81.3410, -4.1121, -34.5021)

Have a look what the booklet for
YUV(81.3410, -4.1121, -34.5021)
contains.

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Color

**YUV(81.3410, -4.1121,
-34.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6749
RGB	42, 103, 73
RGB Percent	16%, 40%, 29%
CMY	0.8353, 0.5961, 0.7137
CMYK	0.59, 0.00, 0.29, 0.60
HSL	150°, 42%, 28%
HSV	150°, 59%, 40%
XYZ	7.0077, 10.6738, 7.9942
YIQ	81.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

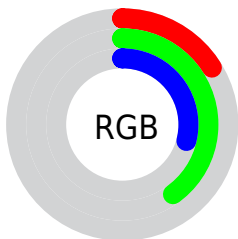
Format	Color
RYB	42, 82, 103
Decimal	2778953
CIELab	39.03, -27.52, 11.12
CIElCh	39, 29.682, 157.989
Yxy	10.6738, 0.2729, 0.4157
Android (android.graphics.Color)	4280969033 (0xFF2A6749)
YUV	81.3410, -4.1121, -34.5021
Hunter-Lab	32.6707, -18.8866, 8.3618

Details

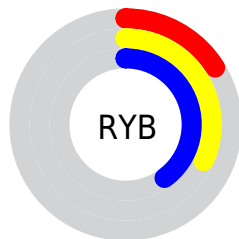
The YUV color **81.3410, -4.1121, -34.5021** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.6590, 4.1121, 34.5021**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7000, -5.2751, -34.8169**, and **35.5910, -3.2494, -31.2133** is the 20% darker color. If you saturate the color by 10%, you get **77.7810, -4.8220, -40.1499**, and if you desaturate by 10%, it is **84.9010, -3.4022, -28.8542**.

Distribution



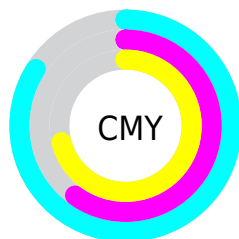
- Red (16%)
- Green (40%)
- Blue (29%)



- Red (16%)
- Yellow (32%)
- Blue (40%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3410, -4.1121, -34.5021 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 81.3410, -4.1121, -34.5021 by changing the saturation by 10% instead.

81.3410, -4.1121,
-34.5021

81.3410, -4.1121,
-34.5021

255.0000, 0.0000,
0.0000

55.9600, -2.9383,
-37.6759

132.7000, -5.2751,
-34.8169

35.5910, -3.2494,
-31.2133

159.1730, -6.0013,
-35.2317

20.5280, -7.6553,
-18.0031

186.1730, -6.0013,
-35.2317

0.0000, 0.0000,
0.0000

214.4610, -6.1433,
-36.3613

236.0040, -2.9600,
-30.6985

247.5250, 3.6852,

-15.3694

■ 81.3410, -4.1121,
-34.5021

■ 81.3410, -4.1121,
-34.5021

■ 77.7810, -4.8220,
-40.1499

■ 84.9010, -3.4022,
-28.8542

■ 73.9220, -5.3845,
-46.4126

■ 88.7600, -2.8397,
-22.5915

■ 70.3620, -6.0945,
-52.0605

■ 92.3200, -2.1298,
-16.9436

■ 66.8020, -6.8044,
-57.7084

■ 95.8800, -1.4198,
-11.2958

■ 66.3890, -7.0938,
-58.2232

■ 99.7390, -0.8573,
-5.0331

■ 103.2990, -0.1474,
0.6148

■ 106.8590, 0.5625,
6.2627

■ 110.5330, 1.7092,
11.8106

■ 114.3920, 2.2717,
18.0732

Harmonies

Analogous

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



86.5800, -16.5549, -10.1557



81.3410, -4.1121, -34.5021



72.2200, 12.7095, -63.3369

Triad

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



81.3410, -4.1121, -34.5021



89.1000, 25.0937, -22.0127



92.1590, -14.3754, 37.5716

Complementary

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



81.3410, -4.1121, -34.5021



63.6590, 4.1121, 34.5021

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.



93.0310, -3.4663, 38.5608



81.3410, -4.1121, -34.5021



94.3380, 17.5814, 7.5966

Square

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



81.3410, -4.1121, -34.5021



73.6170, 30.7548, -64.5621



94.5380, 7.6228, 28.4692



90.8450, -21.6156, 26.4459

Rectangle

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



81.3410, -4.1121, -34.5021



74.0440, 19.6983, -64.9366



94.5380, 7.6228, 28.4692



92.4950, -10.5970, 39.0309

Sweetspot

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



81.3410, -4.1121, -34.5021



126.4560, -1.7038, -13.5549



87.0760, -22.2225, -12.3447



63.6030, -1.2833, -8.4218



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.



81.3410, -4.1121, -34.5021



100.9380, -6.3784, -54.3196



84.7610, 8.9918, -37.5014



49.1630, -0.5734, -2.7740



74.1170, -7.9457, -65.0006



156.0760, -16.3065, -136.8787

Inverse Universe

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



63.6590, 4.1121, 34.5021



73.0620, 6.3784, 54.3196



60.2390, -8.9918, 37.5014



47.7230, 0.1366, 2.8739



40.7690, 7.5089, 65.1006



85.9240, 16.3065, 136.8787

Previews

White Background



This preview shows how the YUV color 81.3410, -4.1121, -34.5021 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 81.3410, -4.1121, -34.5021 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 81.3410, -4.1121, -34.5021

Background



This preview shows how black text looks on a background with the YUV color 81.3410, -4.1121, -34.5021.



This preview shows how white text looks on a background with the YUV color 81.3410, -4.1121,

-34.5021.

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

81.3410, -4.1121, -34.5021

Protanopia

90.4710, -11.0782, 6.6029

Deuteranopia

92.0140, -7.8949, 12.2657



Tritanopia

86.1580, 10.2751, -29.0796

Trichromacy



Original Color

81.3410, -4.1121, -34.5021

Protanomaly

87.0670, -8.4140, -7.9518

Deuteranomaly

87.9580, -6.3883, -4.3482

Tritanomaly

84.1810, 5.3338, -30.8537

Monochromacy



Original Color

81.3410, -4.1121, -34.5021

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1680, -1.5618, -12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3410, -4.1121, -34.5021 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(42, 103, 73)` looks like.

```
.text, #text, p{  
    color:rgb(42, 103, 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(42, 103, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 103, 73) }
```

Border

The CSS property to change the border of an element to YUV 81.3410, -4.1121, -34.5021 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(42, 103, 73) }
```


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

```
.border{ border-color:rgb(42, 103, 73) }
```

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

Here you see how a box with a 4 pixel rgb(42, 103, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 103, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 103, 73);  
box-shadow:4px 4px 4px 4px rgb(42, 103,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 81.3410, -4.1121, -34.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 103, 73) }
```

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

```
.background{ background-color: rgb(42, 103,  
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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