

Converting Colors

YUV(81.6040, -6.2138, -13.6847)

Have a look what the booklet for
YUV(81.6040, -6.2138, -13.6847)
contains.

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Color

**YUV(81.6040, -6.2138,
-13.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	425C45
RGB	66, 92, 69
RGB Percent	26%, 36%, 27%
CMY	0.7412, 0.6392, 0.7294
CMYK	0.28, 0.00, 0.25, 0.64
HSL	127°, 16%, 31%
HSV	127°, 28%, 36%
XYZ	7.1481, 9.2422, 7.0374
YIQ	81.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

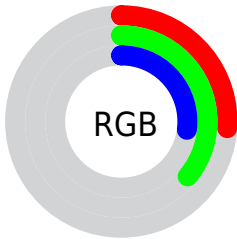
Format	Color
RYB	66, 89, 92
Decimal	4348997
CIELab	36.45, -15.01, 10.16
CIELCh	36, 18.128, 145.904
Yxy	9.2422, 0.3051, 0.3945
Android (android.graphics.Color)	4282539077 (0xFF425C45)
YUV	81.6040, -6.2138, -13.6847
Hunter-Lab	30.4010, -11.2316, 7.5559

Details

The YUV color **81.6040, -6.2138, -13.6847** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.3960, 6.2138, 13.6847**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0770, -6.9400, -14.0995**, and **36.5440, -5.1982, -12.7551** is the 20% darker color. If you saturate the color by 10%, you get **78.0010, -8.3815, -18.4179**, and if you desaturate by 10%, it is **85.2070, -4.0461, -8.9515**.

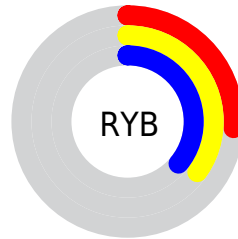
Distribution



Red (26%)

Green (36%)

Blue (27%)



Red (26%)

Yellow (35%)

Blue (36%)

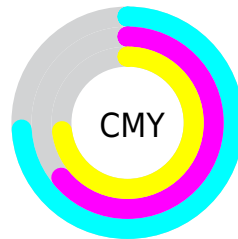


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6040, -6.2138, -13.6847 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 81.6040, -6.2138, -13.6847 by changing the saturation by 10% instead.

81.6040, -6.2138,
-13.6847

81.6040, -6.2138,
-13.6847

255.0000, 0.0000,
0.0000

58.1310, -5.4876,
-13.2699

131.0770, -6.9400,
-14.0995

36.5440, -5.1982,
-12.7551

157.3650, -7.0819,
-15.2291

15.2620, -7.5242,
-13.3848

184.2510, -7.5187,
-15.1291

0.0000, 0.0000,
0.0000

211.9520, -7.3713,
-15.7439

240.5390, -7.6607,
-16.2587

253.5760, -0.2840,

-2.2592

■ 81.6040, -6.2138,
-13.6847

■ 81.6040, -6.2138,
-13.6847

■ 78.0010, -8.3815,
-18.4179

■ 85.2070, -4.0461,
-8.9515

■ 74.3980, -10.5492,
-23.1510

■ 88.8100, -1.8783,
-4.2184

■ 70.4960, -12.5695,
-28.4990

■ 92.7120, 0.1420,
1.1296

■ 66.7790, -15.1740,
-33.1322

■ 96.4290, 2.7465,
5.7628

■ 63.1760, -17.3418,
-37.8654

■ 100.0320, 4.9142,
10.4959

■ 59.5730, -19.5095,
-42.5985

■ 103.6350, 7.0819,
15.2291

■ 55.9700, -21.6772,
-47.3317

■ 107.2380, 9.2497,
19.9623

■ 55.2580, -21.8192,
-48.4613

■ 111.1400, 11.2700,
25.3102

■ 114.7430, 13.4377,
30.0434

Harmonies

Analogous

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



83.7860, -12.2195, -0.6893



81.6040, -6.2138, -13.6847



79.5900, 1.6811, -25.9504

Triad

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



81.6040, -6.2138, -13.6847



83.7880, 14.8945, -17.3541



87.4330, -6.6225, 24.1763

Complementary

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



81.6040, -6.2138, -13.6847



76.3960, 6.2138, 13.6847

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.



87.8440, 0.0769, 22.0618



81.6040, -6.2138, -13.6847



86.9040, 12.3723, -1.6698

Square

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



81.6040, -6.2138, -13.6847



79.8850, 14.3537, -30.5941



87.9120, 6.9454, 12.3552



86.0320, -11.8478, 20.1429

Rectangle

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



81.6040, -6.2138, -13.6847



78.3380, 7.2284, -31.8684



87.9120, 6.9454, 12.3552



87.3020, -4.5859, 24.2911

Sweetspot

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



81.6040, -6.2138, -13.6847



115.9840, -2.4571, -5.2480



88.1390, -10.9145, 0.7551



58.6360, -1.2995, -3.1888



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.



81.6040, -6.2138, -13.6847



103.6370, -9.6810, -21.6066



83.0860, -0.5354, -14.9844



44.0490, -1.0102, -2.6740



66.0520, -26.1546, -57.9276



142.1970, -56.7921, -124.7068

Inverse Universe

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



76.3960, 6.2138, 13.6847



95.3630, 9.6810, 21.6066



74.9140, 0.5354, 14.9844



42.9510, 1.0102, 2.6740



43.9480, 26.1546, 57.9276



94.8030, 56.7921, 124.7068

Previews

White Background



This preview shows how the YUV color 81.6040, -6.2138, -13.6847 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 81.6040, -6.2138, -13.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

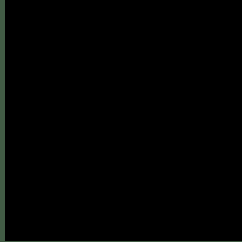
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.6040, -6.2138, -13.6847

Background



This preview shows how black text looks on a background with the YUV color 81.6040, -6.2138, -13.6847.



This preview shows how white text looks on a background with the YUV color 81.6040, -6.2138,

-13.6847.

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

81.6040, -6.2138, -13.6847

Protanopia

84.6280, -9.1836, 5.5882

Deuteranopia

85.8290, -7.3107, 11.5510



Tritanopia

83.8290, 6.0003, -11.2510

Trichromacy



Original Color

81.6040, -6.2138, -13.6847

Protanomaly

83.8120, -8.2883, -1.5891

Deuteranomaly

84.4750, -7.1362, 2.2144

Tritanomaly

82.6780, 1.6377, -11.9956

Monochromacy



Original Color

81.6040, -6.2138, -13.6847

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6040, -6.2138, -13.6847 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(66, 92, 69)` looks like.

```
.text, #text, p{  
    color:rgb(66, 92, 69)  
}
```

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(66, 92, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 92, 69) }
```

Border

The CSS property to change the border of an element to YUV 81.6040, -6.2138, -13.6847 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(66, 92, 69) }
```


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

```
.border{ border-color:rgb(66, 92, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 92, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 92, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 92, 69);  
box-shadow:4px 4px 4px 4px rgb(66, 92, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.6040, -6.2138, -13.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 92, 69) }
```

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

```
.background{ background-color: rgb(66, 92,  
69) }
```

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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