

Converting Colors

YUV(81.1470, 27.0425,
-40.4709)

Have a look what the booklet for
YUV(81.1470, 27.0425, -40.4709)
contains.

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Color

**YUV(81.1470, 27.0425,
-40.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	235E88
RGB	35, 94, 136
RGB Percent	14%, 37%, 53%
CMY	0.8627, 0.6314, 0.4667
CMYK	0.74, 0.31, 0.00, 0.47
HSL	205°, 59%, 34%
HSV	205°, 74%, 53%
XYZ	9.1398, 10.1403, 24.7681
YIQ	81.1470, -48.6460, 0.5540

Conversions

Conversions Part 2

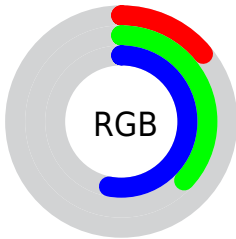
Format	Color
R_{YB}	35, 72, 136
Decimal	2317960
CIE _{Lab}	38.09, -4.09, -28.82
CIE _{LCh}	38, 29.113, 261.925
Yxy	10.1403, 0.2075, 0.2302
Android (android.graphics.Color)	4280508040 (0xFF235E88)
YUV	81.1470, 27.0425, -40.4709
Hunter-Lab	31.8438, -4.4939, -23.8250

Details

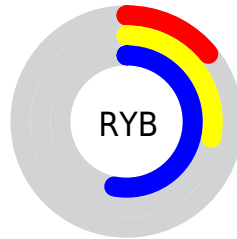
The YUV color **81.1470, 27.0425, -40.4709** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **89.8530, -27.0425, 40.4709**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2940, 27.4631, -35.3378**, and **37.9800, 23.6739, -33.3085** is the 20% darker color. If you saturate the color by 10%, you get **73.4390, 30.8426, -45.9890**, and if you desaturate by 10%, it is **88.8550, 23.2425, -34.9528**.

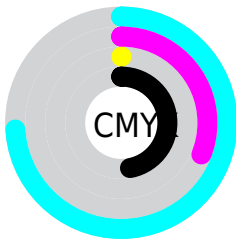
Distribution



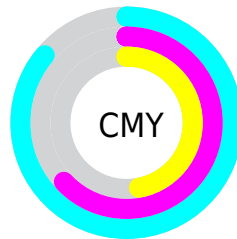
- Red (14%)
- Green (37%)
- Blue (53%)



- Red (14%)
- Yellow (28%)
- Blue (53%)



- Cyan (74%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (86%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1470, 27.0425, -40.4709 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 81.1470, 27.0425, -40.4709 by changing the saturation by 10% instead.

81.1470, 27.0425,
-40.4709

81.1470, 27.0425,
-40.4709

255.0000, 0.0000,
0.0000

54.2170, 27.5010,
-47.5483

134.2940, 27.4631,
-35.3378

37.9800, 23.6739,
-33.3085

161.2940, 27.4631,
-35.3378

23.5040, 18.9785,
-20.6130

188.8210, 28.1892,
-34.9230

6.3210, 16.6037,
-5.5435

214.6550, 19.8901,
-33.0234

2.6390, 7.5730,
-2.3144

239.7620, 7.5123,
-29.6093

0.0000, 0.0000,
0.0000

249.0200, 2.9481,

-12.2955

■ 81.1470, 27.0425,
-40.4709

■ 81.1470, 27.0425,
-40.4709

■ 73.4390, 30.8426,
-45.9890

■ 88.8550, 23.2425,
-34.9528

■ 66.6170, 34.2058,
-51.4071

■ 95.6770, 19.8792,
-29.5347

■ 61.8770, 36.5426,
-54.2661

■ 103.3850, 16.0792,
-24.0166

■ 110.7940, 12.4266,
-19.1133

■ 117.9150, 8.9159,
-13.0805

■ 125.6230, 5.1159,
-7.5624

■ 133.0320, 1.4632,
-2.6591

■ 140.1530, -2.0474,
3.3738

■ 147.5620, -5.7001,
8.2771

Harmonies

Analogous

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



72.4770, 26.3868, -63.5623



81.1470, 27.0425, -40.4709



90.1620, 21.1191, -7.1581

Triad

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



81.1470, 27.0425, -40.4709



90.0650, -8.4130, 38.5310



82.5940, -11.1388, -20.6919

Complementary

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



81.1470, 27.0425, -40.4709



89.8530, -27.0425, 40.4709

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.



86.3210, -20.3713, 0.5955



81.1470, 27.0425, -40.4709



89.8010, -18.1429, 32.6235

Square

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



81.1470, 27.0425, -40.4709



91.6050, 2.6597, 33.6724



88.1600, -22.7569, 19.1537



74.0170, 3.9356, -49.1269

Rectangle

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



81.1470, 27.0425, -40.4709



92.3060, 16.1181, 10.2556



88.1600, -22.7569, 19.1537



83.7260, -14.6549, -12.9147

Sweetspot

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



81.1470, 27.0425, -40.4709



154.9470, 10.3791, -15.7395



98.8470, -11.7566, -55.9938



76.8400, 5.9949, -9.5067



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



81.1470, 27.0425, -40.4709



90.9020, 41.9533, -63.0581



52.3840, 41.2227, -15.2458



65.1460, 1.9000, -2.7590



60.3610, 35.8110, -52.9366



2.3310, 1.3158, -2.0443

Inverse Universe

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



71.9250, 10.8830, 56.1938



76.4310, 17.0425, 87.3220



118.6160, -41.2227, 15.2458



64.5490, 0.7153, 3.9035



48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 81.1470, 27.0425, -40.4709 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 81.1470, 27.0425, -40.4709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

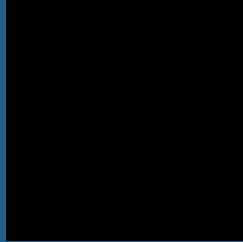
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

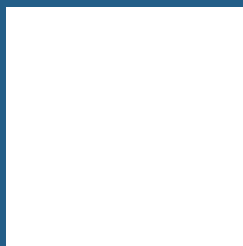
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 81.1470, 27.0425, -40.4709

Background



This preview shows how black text looks on a background with the YUV color 81.1470, 27.0425, -40.4709.



This preview shows how white text looks on a background with the YUV color 81.1470, 27.0425, -40.4709.

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

81.1470, 27.0425, -40.4709

Protanopia

89.0150, 20.6986, -12.2912

Deuteranopia

87.2960, 24.5041, -19.5536



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

81.1470, 27.0425, -40.4709

Protanomaly

85.9320, 23.2045, -22.7424

Deuteranomaly

85.1810, 25.5468, -27.3457

Tritanomaly

74.2780, 21.5549, -53.7408

Monochromacy



Original Color

81.1470, 27.0425, -40.4709

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1470, 27.0425, -40.4709 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(35, 94, 136)` looks like.

```
.text, #text, p{  
    color:rgb(35, 94, 136)  
}
```

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(35, 94, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 94, 136) }
```

Border

The CSS property to change the border of an element to YUV 81.1470, 27.0425, -40.4709 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(35, 94, 136) }
```


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

```
.border{ border-color:rgb(35, 94, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 94, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 94, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 94, 136);  
box-shadow:4px 4px 4px 4px rgb(35, 94,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 81.1470, 27.0425, -40.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 94, 136) }
```

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

```
.background{ background-color: rgb(35, 94,  
136) }
```

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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