

Converting Colors

YUV(40.9140, 27.1574,
-30.6196)

Have a look what the booklet for
YUV(40.9140, 27.1574, -30.6196)
contains.

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Color

**YUV(40.9140, 27.1574,
-30.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	063060
RGB	6, 48, 96
RGB Percent	2%, 19%, 38%
CMY	0.9765, 0.8118, 0.6235
CMYK	0.94, 0.50, 0.00, 0.62
HSL	212°, 88%, 20%
HSV	212°, 94%, 38%
XYZ	3.2434, 2.9972, 11.4739
YIQ	40.9140, -40.4400, 6.0240

Conversions

Conversions Part 2

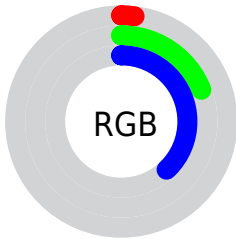
Format	Color
R_{YB}	6, 35, 96
Decimal	405600
CIE _{Lab}	20.03, 6.86, -32.34
CIE _{LCh}	20, 33.063, 281.983
Yxy	2.9972, 0.1831, 0.1692
Android (android.graphics.Color)	4278595680 (0xFF063060)
YUV	40.9140, 27.1574, -30.6196
Hunter-Lab	17.3123, 3.1447, -27.1765

Details

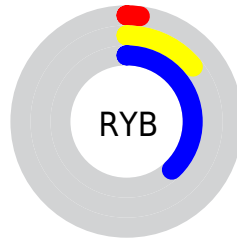
The YUV color **40.9140, 27.1574, -30.6196** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **61.0860, -27.1574, 30.6196**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9800, 27.1249, -20.1535**, and **5.5860, 21.4031, -4.8989** is the 20% darker color. If you saturate the color by 10%, you get **37.3590, 28.9100, -32.7638**, and if you desaturate by 10%, it is **46.8390, 24.2364, -27.0458**.

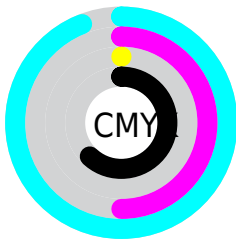
Distribution



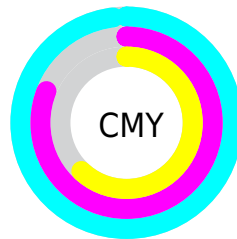
- Red (2%)
- Green (19%)
- Blue (38%)



- Red (2%)
- Yellow (14%)
- Blue (38%)



- Cyan (94%)
- Magenta (50%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9140, 27.1574, -30.6196 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 40.9140, 27.1574, -30.6196 by changing the saturation by 10% instead.

■ 40.9140, 27.1574,
-30.6196

■ 40.9140, 27.1574,
-30.6196

■ 255.0000, 0.0000,
0.0000

■ 24.6440, 23.3465,
-21.6128

■ 91.9800, 27.1249,
-20.1535

■ 5.5860, 21.4031,
-4.8989

■ 117.5070, 27.8510,
-19.7386

■ 3.6650, 11.5042,
-3.2142

■ 143.9200, 28.1404,
-19.2238

■ 0.0000, 0.0000,
0.0000

■ 170.5610, 29.3034,
-18.9090

■ 197.6320, 28.2824,
-18.0943

■ 222.4400, 16.0521,

-15.2949

■ 248.1340, 3.3849,
-12.3955

■ 40.9140, 27.1574,
-30.6196

■ 40.9140, 27.1574,
-30.6196

■ 37.3590, 28.9100,
-32.7638

■ 46.8390, 24.2364,
-27.0458

■ 52.4650, 21.4628,
-24.0868

■ 58.3900, 18.5417,
-20.5130

■ 64.0160, 15.7681,
-17.5540

■ 70.5280, 12.5577,
-14.4951

■ 76.4530, 9.6367,
-10.9213

■ 82.0790, 6.8631,
-7.9623

■ 88.0040, 3.9420,
-4.3885

■ 93.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



43.0010, 25.1425, -37.7119



40.9140, 27.1574, -30.6196



49.6480, 17.4285, 9.9557

Triad

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



40.9140, 27.1574, -30.6196



45.8490, -14.2226, 35.2124



37.6940, -2.8071, -33.0576

Complementary

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



40.9140, 27.1574, -30.6196



61.0860, -27.1574, 30.6196

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.



40.5470, -16.5387, -15.3887



40.9140, 27.1574, -30.6196



46.1820, -22.7677, 22.6424

Square

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



40.9140, 27.1574, -30.6196



45.2700, -2.5981, 40.1052



44.8980, -22.1347, 6.2285



41.2450, 8.2602, -36.1719

Rectangle

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



40.9140, 27.1574, -30.6196



48.5530, 11.5594, 25.8250



44.8980, -22.1347, 6.2285



36.7820, -6.3015, -32.2578

Sweetspot

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



40.9140, 27.1574, -30.6196



103.3820, 10.6577, -11.7360



64.3020, -5.0789, -51.1309



50.3780, 6.7156, -7.3475



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.



40.9140, 27.1574, -30.6196



48.2960, 37.8151, -42.3556



17.1570, 38.8696, -7.1537



45.6300, 1.1684, -1.4295



43.2920, 33.8730, -37.9671



93.1040, 72.4197, -81.6522

Inverse Universe

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



37.6980, 5.0789, 51.1309



43.9870, 6.9084, 71.0484



84.8430, -38.8696, 7.1537



45.4240, 0.2840, 2.2592



39.4160, 6.2039, 63.6562



84.5280, 13.5437, 136.3489

Previews

White Background



This preview shows how the YUV color 40.9140, 27.1574, -30.6196 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 40.9140, 27.1574, -30.6196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

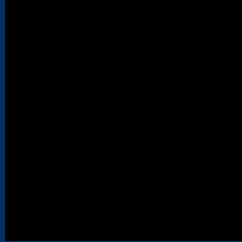
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.9140, 27.1574, -30.6196

Background



This preview shows how black text looks on a background with the YUV color 40.9140, 27.1574, -30.6196.



This preview shows how white text looks on a background with the YUV color 40.9140, 27.1574,

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

40.9140, 27.1574, -30.6196

Protanopia

44.3990, 24.9463, -21.3979

Deuteranopia

39.2680, 23.5319, -34.4380



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

40.9140, 27.1574, -30.6196

Protanomaly

42.9040, 25.6833, -24.4718

Deuteranomaly

39.6210, 24.8368, -32.9936

Tritanomaly

39.3300, 16.1063, -32.7384

Monochromacy



Original Color

40.9140, 27.1574, -30.6196

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1540, 9.7841, -11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9140, 27.1574, -30.6196 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(6, 48, 96)` looks like.

```
.text, #text, p{  
    color:rgb(6, 48, 96)  
}
```

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(6, 48, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 48, 96) }
```

Border

The CSS property to change the border of an element to YUV 40.9140, 27.1574, -30.6196 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(6, 48, 96) }
```


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

```
.border{ border-color:rgb(6, 48, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 48, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 48, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 48, 96); box-shadow:4px  
4px 4px 4px rgb(6, 48, 96) }
```

Background

The CSS property to change the background color of an element to YUV 40.9140, 27.1574, -30.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 48, 96) }
```

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

```
.background{ background-color: rgb(6, 48,  
96) }
```

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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