

Converting Colors

YUV(41.1940, 76.3194,
-25.6031)

Have a look what the booklet for
YUV(41.1940, 76.3194, -25.6031)
contains.

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Color

**YUV(41.1940, 76.3194,
-25.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1AC4
RGB	12, 26, 196
RGB Percent	5%, 10%, 77%
CMY	0.9529, 0.8980, 0.2314
CMYK	0.94, 0.87, 0.00, 0.23
HSL	235°, 88%, 41%
HSV	235°, 94%, 77%
XYZ	10.4848, 4.8025, 52.5989
YIQ	41.1940, -62.9140, 49.9020

Conversions

Conversions Part 2

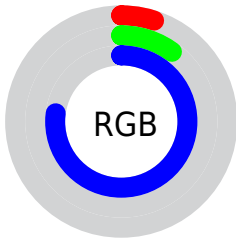
Format	Color
R_{YB}	12, 25, 196
Decimal	793284
CIE _{Lab}	26.16, 58.05, -84.23
CIE _{LCh}	26, 102.299, 304.575
Yxy	4.8025, 0.1544, 0.0707
Android (android.graphics.Color)	4278983364 (0xFF0C1AC4)
YUV	41.1940, 76.3194, -25.6031
Hunter-Lab	21.9145, 47.0513, -126.9666

Details

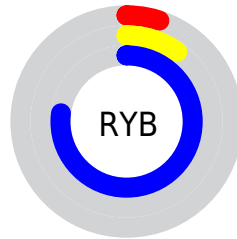
The YUV color **41.1940, 76.3194, -25.6031** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **166.8060, -76.3194, 25.6031**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9630, 73.4752, 0.0324**, and **15.9600, 61.1517, -13.9969** is the 20% darker color. If you saturate the color by 10%, you get **31.1490, 81.2715, -27.3177**, and if you desaturate by 10%, it is **57.7400, 68.1622, -22.5740**.

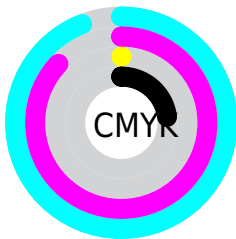
Distribution



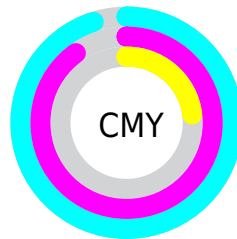
- Red (5%)
- Green (10%)
- Blue (77%)



- Red (5%)
- Yellow (10%)
- Blue (77%)



- Cyan (94%)
- Magenta (87%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (90%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1940, 76.3194, -25.6031 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 41.1940, 76.3194, -25.6031 by changing the saturation by 10% instead.

■ 41.1940, 76.3194,
-25.6031

■ 41.1940, 76.3194,
-25.6031

■ 255.0000, 0.0000,
0.0000

■ 19.1520, 73.3821,
-16.7963

■ 104.9630, 73.4752,
0.0324

■ 15.9600, 61.1517,
-13.9969

■ 130.2060, 61.5234,
6.8353

■ 12.9960, 49.7950,
-11.3975

■ 154.7370, 49.4297,
12.5087

■ 17.0760, 34.9655,
-14.9757

■ 179.8550, 37.0465,
17.6672

■ 11.4050, 25.9293,
-10.0022

■ 204.9730, 24.6633,
22.8257


■ 6.4350, 17.0405,
-5.6435


■ 228.5850, 13.0226,


■ 2.7530, 8.0098,


23.1660


-2.4144


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 41.1940, 76.3194,
-25.6031


 41.1940, 76.3194,
-25.6031


 31.1490, 81.2715,
-27.3177

 57.7400, 68.1622,
-22.5740

 73.9870, 60.1524,
-20.1596

 90.5330, 51.9952,
-17.1304

 106.7800, 43.9855,
-14.7161

 123.9130, 35.5389,
-12.2017

■ 140.4590, 27.3817,
-9.1725

■ 156.7060, 19.3719,
-6.7582

■ 173.2520, 11.2148,
-3.7290

■ 189.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



69.7890, 77.0120, -61.2050



41.1940, 76.3194, -25.6031



61.2790, 34.3725, 82.1933

Triad

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



41.1940, 76.3194, -25.6031



47.6530, -23.4929, 68.7103



58.2170, 7.2880, -51.0563

Complementary

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



41.1940, 76.3194, -25.6031



166.8060, -76.3194, 25.6031

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.



48.1340, -23.7301, -42.2135



41.1940, 76.3194, -25.6031



57.3020, -28.2499, 7.6281

Square

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



41.1940, 76.3194, -25.6031



50.2320, -24.7644, 103.2825



45.7860, -22.5725, -40.1543



68.3970, 41.2163, -59.9842

Rectangle

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



41.1940, 76.3194, -25.6031



62.6410, 8.5580, 102.0468



45.7860, -22.5725, -40.1543



54.4380, -4.6529, -47.7421

Sweetspot

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



41.1940, 76.3194, -25.6031



195.0290, 29.5657, -9.6724



139.2740, 20.5709, -111.6193



90.7770, 18.3509, -5.9434



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



41.1940, 76.3194, -25.6031



40.2230, 105.8851, -35.2756



55.9990, 69.0205, 28.9419



88.7270, 4.0786, -1.5146



25.3980, 66.8518, -22.2740



5.5230, 13.5462, -4.8437

Inverse Universe

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



68.6120, -21.0077, 111.7193



78.4110, -29.2896, 154.8686



152.0010, -69.0205, -28.9419



90.1040, -1.0373, 6.0478



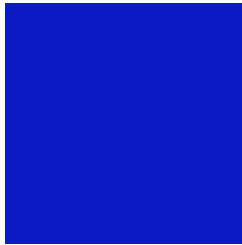
49.5070, -18.4910, 97.7794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 41.1940, 76.3194, -25.6031 looks on a white background.

Color Contrast Check

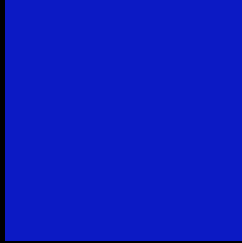
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1940, 76.3194, -25.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

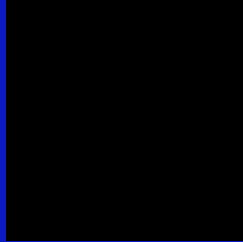
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1940, 76.3194, -25.6031

Background



This preview shows how black text looks on a background with the YUV color 41.1940, 76.3194, -25.6031.



This preview shows how white text looks on a background with the YUV color 41.1940, 76.3194, -25.6031.

-25.6031.

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

41.1940, 76.3194, -25.6031

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

41.1940, 76.3194, -25.6031

Protanomaly

46.7000, 51.9129, -37.4479

Deuteranomaly

46.3920, 45.6557, -37.1778

Tritanomaly

45.7590, 35.6148, -36.6226

Monochromacy



Original Color

41.1940, 76.3194, -25.6031

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1600, 27.5291, -9.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1940, 76.3194, -25.6031 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(12, 26, 196)` looks like.

```
.text, #text, p{  
    color:rgb(12, 26, 196)  
}
```

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(12, 26, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 26, 196) }
```

Border

The CSS property to change the border of an element to YUV 41.1940, 76.3194, -25.6031 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(12, 26, 196) }
```


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

```
.border{ border-color:rgb(12, 26, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 26, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 26, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 26, 196);  
box-shadow:4px 4px 4px 4px rgb(12, 26,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 41.1940, 76.3194, -25.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 26, 196) }
```

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

```
.background{ background-color: rgb(12, 26,  
196) }
```

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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