

Converting Colors

YUV(41.6360, 76.1015, -2.3118)

Have a look what the booklet for
YUV(41.6360, 76.1015, -2.3118)
contains.

YUV(41.6360, 76.1015, -2.3118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(41.6360, 76.1015,
-2.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	270DC4
RGB	39, 13, 196
RGB Percent	15%, 5%, 77%
CMY	0.8471, 0.9490, 0.2314
CMYK	0.80, 0.93, 0.00, 0.23
HSL	249°, 88%, 41%
HSV	249°, 93%, 77%
XYZ	10.9444, 4.7047, 52.5558
YIQ	41.6360, -43.2470, 62.4250

Conversions

Conversions Part 2

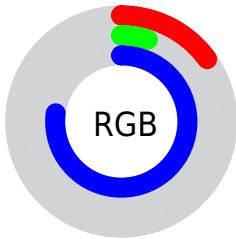
Format	Color
RYB	39, 13, 196
Decimal	2559428
CIELab	25.88, 62.75, -84.69
CIELCh	26, 105.400, 306.538
Yxy	4.7047, 0.1605, 0.0690
Android (android.graphics.Color)	4280749508 (0xFF270DC4)
YUV	41.6360, 76.1015, -2.3118
Hunter-Lab	21.6903, 52.1088, -128.4768

Details

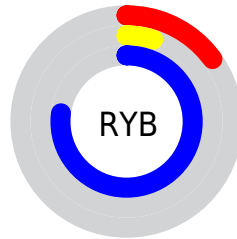
The YUV color **41.6360, 76.1015, -2.3118** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **167.3640, -76.1015, 2.3118**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4310, 73.7375, 9.2690**, and **15.9600, 61.1517, -13.9969** is the 20% darker color. If you saturate the color by 10%, you get **30.7160, 81.4850, -2.3819**, and if you desaturate by 10%, it is **58.4590, 67.8077, -2.1565**.

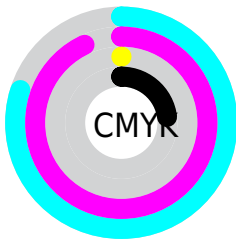
Distribution



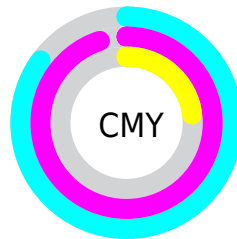
- Red (15%)
- Green (5%)
- Blue (77%)



- Red (15%)
- Yellow (5%)
- Blue (77%)



- Cyan (80%)
- Magenta (93%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (95%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.6360, 76.1015, -2.3118 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 41.6360, 76.1015, -2.3118 by changing the saturation by 10% instead.

■ 41.6360, 76.1015,
-2.3118

■ 41.6360, 76.1015,
-2.3118

■ 255.0000, 0.0000,
0.0000

■ 19.1520, 73.3821,
-16.7963

■ 104.4310, 73.7375,
9.2690

■ 15.9600, 61.1517,
-13.9969

■ 129.3750, 61.9331,
15.4571

■ 12.9960, 49.7950,
-11.3975

■ 153.9060, 49.8393,
21.1304

■ 16.4890, 35.2549,
-14.4609

■ 179.0240, 37.4562,
26.2890

■ 11.4050, 25.9293,
-10.0022

■ 205.0280, 24.6362,
31.5474

■ 6.4350, 17.0405,
-5.6435


■ 225.6500, 14.4696,


■ 2.7530, 8.0098,


25.7400


-2.4144


 242.6730, 6.0772,
10.8108


 0.0000, 0.0000,
0.0000


 41.6360, 76.1015,
-2.3118

 41.6360, 76.1015,
-2.3118


 30.7160, 81.4850,
-2.3819

 58.4590, 67.8077,
-2.1565

 74.6950, 59.8034,
-1.4865

 91.2190, 51.6570,
-1.9461

 107.4550, 43.6527,
-1.2760

 124.2780, 35.3589,
-1.1208

■ 141.1010, 27.0652,
-0.9656

■ 157.3370, 19.0609,
-0.2955

■ 174.1600, 10.7671,
-0.1403

■ 190.0970, 2.9102,
-0.0851

Harmonies

Analogous

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



69.0710, 79.3380, -60.5753



41.6360, 76.1015, -2.3118



62.3180, 31.8882, 85.6671

Triad

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



41.6360, 76.1015, -2.3118



48.5170, -23.9189, 65.3216



58.7870, 9.4720, -51.5562

Complementary

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



41.6360, 76.1015, -2.3118



167.3640, -76.1015, 2.3118

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



41.6360, 76.1015, -2.3118



56.0950, -27.6548, 3.4247

Square

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



41.6360, 76.1015, -2.3118



49.9330, -24.6170, 102.6678



45.7860, -22.5725, -40.1543



69.1950, 44.2739, -60.6840

Rectangle

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



41.6360, 76.1015, -2.3118



62.9680, 5.9318, 104.3911



45.7860, -22.5725, -40.1543



55.0080, -2.4689, -48.2420

Sweetspot

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



41.6360, 76.1015, -2.3118



195.0840, 29.5386, -0.9507



127.1950, 33.9209, -100.1490



90.8100, 18.3347, -0.7104



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.



41.6360, 76.1015, -2.3118



39.8340, 106.0768, -3.3624



68.5460, 62.8348, 53.0182



88.7380, 4.0732, 0.2298



25.2310, 66.9341, -1.9566



5.2570, 13.6773, -0.2254

Inverse Universe

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



85.6150, 41.6018, 96.8076



101.2110, 58.0700, 134.8730



140.4540, -62.8348, -53.0182



91.0160, 2.4571, 5.2480



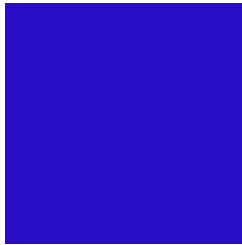
63.8710, 36.5456, 85.1821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 41.6360, 76.1015, -2.3118 looks on a white background.

Color Contrast Check

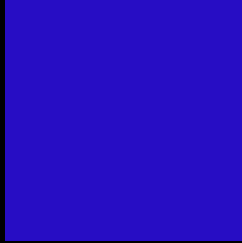
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6360, 76.1015, -2.3118 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 41.6360, 76.1015, -2.3118

Background



This preview shows how black text looks on a background with the YUV color 41.6360, 76.1015, -2.3118.



This preview shows how white text looks on a background with the YUV color 41.6360, 76.1015, -2.3118.

-2.3118.

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

41.6360, 76.1015, -2.3118

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

41.6360, 76.1015, -2.3118

Protanomaly

46.6410, 51.4490, -28.6262

Deuteranomaly

46.4470, 45.6286, -28.4560

Tritanomaly

46.4010, 35.2983, -28.4157

Monochromacy



Original Color

41.6360, 76.1015, -2.3118

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6280, 27.7914, -0.5508

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.6360, 76.1015, -2.3118 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(39, 13, 196)` looks like.

```
.text, #text, p{  
    color:rgb(39, 13, 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(39, 13, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 13, 196) }
```

Border

The CSS property to change the border of an element to YUV 41.6360, 76.1015, -2.3118 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(39, 13, 196) }
```


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

```
.border{ border-color:rgb(39, 13, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 13, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 13, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 13, 196);  
box-shadow:4px 4px 4px 4px rgb(39, 13,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 41.6360, 76.1015, -2.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 13, 196) }
```

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

```
.background{ background-color: rgb(39, 13,  
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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