

Converting Colors

YUV(76.1830, -4.5272, -41.3795)

Have a look what the booklet for
YUV(76.1830, -4.5272, -41.3795)
contains.

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Color

**YUV(76.1830, -4.5272,
-41.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	1D6643
RGB	29, 102, 67
RGB Percent	11%, 40%, 26%
CMY	0.8863, 0.6000, 0.7373
CMYK	0.72, 0.00, 0.34, 0.60
HSL	151°, 56%, 26%
HSV	151°, 72%, 40%
XYZ	6.2712, 10.1692, 6.9425
YIQ	76.1830, -32.2730, -26.3610

Conversions

Conversions Part 2

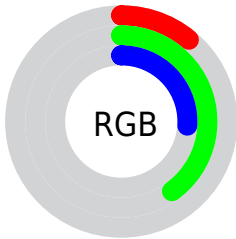
Format	Color
R_{YB}	29, 77, 102
Decimal	1926723
CIE Lab	38.14, -31.34, 13.45
CIE LCh	38, 34.105, 156.769
Yxy	10.1692, 0.2682, 0.4349
Android (android.graphics.Color)	4280116803 (0xFF1D6643)
YUV	76.1830, -4.5272, -41.3795
Hunter-Lab	31.8892, -20.7031, 9.4145

Details

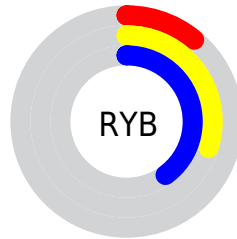
The YUV color **76.1830, -4.5272, -41.3795** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.8170, 4.5272, 41.3795**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3250, -6.5692, -39.7500**, and **34.4340, -5.1440, -30.1986** is the 20% darker color. If you saturate the color by 10%, you get **72.6230, -5.2371, -47.0274**, and if you desaturate by 10%, it is **79.7430, -3.8173, -35.7316**.

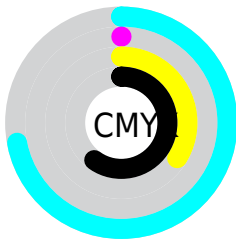
Distribution



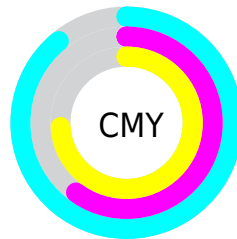
- Red (11%)
- Green (40%)
- Blue (26%)



- Red (11%)
- Yellow (30%)
- Blue (40%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1830, -4.5272, -41.3795 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 76.1830, -4.5272, -41.3795 by changing the saturation by 10% instead.

■ 76.1830, -4.5272,
-41.3795

■ 76.1830, -4.5272,
-41.3795

255.0000, 0.0000,
0.0000

■ 50.3290, -2.6272,
-44.1385

■ 128.3250, -6.5692,
-39.7500

■ 34.4340, -5.1440,
-30.1986

■ 155.2110, -7.0060,
-39.6500

■ 19.9580, -9.8393,
-17.5032

■ 182.3850, -7.5848,
-40.6796

■ 0.0000, 0.0000,
0.0000

■ 210.2710, -8.0216,
-40.5797

■ 232.4010, -5.1277,
-35.4317

■ 244.0790, 3.4121,

-21.1173

253.2060, 0.8844,
-3.6887

76.1830, -4.5272,
-41.3795

76.1830, -4.5272,
-41.3795

72.6230, -5.2371,
-47.0274

79.7430, -3.8173,
-35.7316

69.0630, -5.9471,
-52.6753

83.3030, -3.1074,
-30.0837

65.9160, -6.3676,
-57.8083

87.1620, -2.5449,
-23.8211

90.7220, -1.8349,
-18.1732

94.1680, -1.5618,
-12.4253

■ 97.7280, -0.8519,
-6.7775

■ 101.2880, -0.1420,
-1.1296

■ 105.1470, 0.4205,
5.1331

■ 108.7070, 1.1304,
10.7810

Harmonies

Analogous

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



83.7710, -19.6071, -11.2002



76.1830, -4.5272, -41.3795



71.8780, 11.3991, -63.0370

Triad

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



76.1830, -4.5272, -41.3795



85.1960, 29.4834, -29.9899



89.5510, -15.5546, 42.4898

Complementary

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



76.1830, -4.5272, -41.3795



54.8170, 4.5272, 41.3795

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.



90.5910, -2.7564, 44.2087



76.1830, -4.5272, -41.3795



92.1360, 20.6390, 6.8967

Square

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



76.1830, -4.5272, -41.3795



73.4860, 32.7914, -64.4472



92.4290, 9.6485, 32.0728



88.7700, -24.5366, 30.0197

Rectangle

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



76.1830, -4.5272, -41.3795



73.4570, 19.9877, -64.4218



92.4290, 9.6485, 32.0728



89.3000, -11.4869, 44.4639

Sweetspot

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



76.1830, -4.5272, -41.3795



123.0320, -1.9878, -15.8141



82.3160, -26.2848, -16.0631



60.3040, -1.1359, -9.0366



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



76.1830, -4.5272, -41.3795



92.6440, -7.2195, -64.5858



79.5860, 11.0501, -44.3639



49.2770, -0.1366, -2.8739



74.3450, -7.0721, -65.2006



156.4180, -14.9961, -137.1786

Inverse Universe

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



54.8170, 4.5272, 41.3795



59.2420, 6.7827, 64.6858



51.4140, -11.0501, 44.3639



47.7230, 0.1366, 2.8739



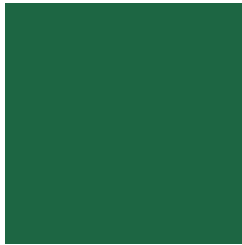
40.6550, 7.0721, 65.2006



85.5820, 14.9961, 137.1786

Previews

White Background



This preview shows how the YUV color 76.1830, -4.5272, -41.3795 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 76.1830, -4.5272, -41.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

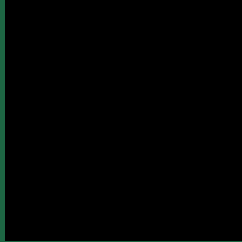
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1830, -4.5272, -41.3795

Background



This preview shows how black text looks on a background with the YUV color 76.1830, -4.5272, -41.3795.



This preview shows how white text looks on a background with the YUV color 76.1830, -4.5272, -41.3795.

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

76.1830, -4.5272, -41.3795

Protanopia

88.3140, -12.9728, 7.6176

Deuteranopia

89.6720, -9.2053, 12.5657



Tritanopia

82.3640, 11.1595, -32.7682

Trichromacy



Original Color

76.1830, -4.5272, -41.3795

Protanomaly

84.0020, -9.8610, -10.5258

Deuteranomaly

85.0070, -7.3985, -7.0221

Tritanomaly

80.1480, 5.3500, -36.0868

Monochromacy



Original Color

76.1830, -4.5272, -41.3795

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8580, -1.4090, -14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1830, -4.5272, -41.3795 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(29, 102, 67)` looks like.

```
.text, #text, p{  
    color:rgb(29, 102, 67)  
}
```

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(29, 102, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 102, 67) }
```

Border

The CSS property to change the border of an element to YUV 76.1830, -4.5272, -41.3795 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(29, 102, 67) }
```


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

```
.border{ border-color:rgb(29, 102, 67) }
```

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

Here you see how a box with a 4 pixel rgb(29, 102, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 102, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 102, 67);  
box-shadow:4px 4px 4px 4px rgb(29, 102,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 76.1830, -4.5272, -41.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 102, 67) }
```

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

```
.background{ background-color: rgb(29, 102,  
67) }
```

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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