

Converting Colors

YUV(76.3710, -26.3119, -7.3414)

Have a look what the booklet for
YUV(76.3710, -26.3119, -7.3414)
contains.

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Color

**YUV(76.3710, -26.3119,
-7.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	445B17
RGB	68, 91, 23
RGB Percent	27%, 36%, 9%
CMY	0.7333, 0.6431, 0.9098
CMYK	0.25, 0.00, 0.75, 0.64
HSL	80°, 60%, 22%
HSV	80°, 75%, 36%
XYZ	6.2796, 8.7730, 2.1730
YIQ	76.3710, 8.1200, -26.0240

Conversions

Conversions Part 2

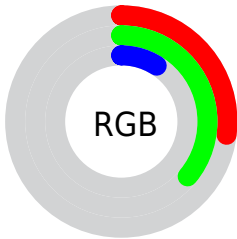
Format	Color
RYB	23, 91, 46
Decimal	4479767
CIELab	35.54, -20.04, 34.62
CIELCh	36, 40.000, 120.063
Yxy	8.7730, 0.3646, 0.5093
Android (android.graphics.Color)	4282669847 (0xFF445B17)
YUV	76.3710, -26.3119, -7.3414
Hunter-Lab	29.6192, -13.9894, 16.3837

Details

The YUV color **76.3710, -26.3119, -7.3414** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **37.6290, 26.3119, 7.3414**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1430, -27.1855, -7.1414**, and **32.6940, -16.1181, -10.2556** is the 20% darker color. If you saturate the color by 10%, you get **74.4480, -29.8009, -8.2859**, and if you desaturate by 10%, it is **78.2940, -22.8229, -6.3968**.

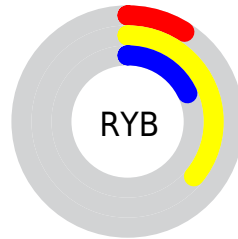
Distribution



Red (27%)

Green (36%)

Blue (9%)



Red (9%)

Yellow (36%)

Blue (18%)

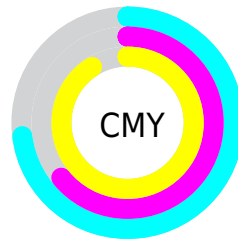


Cyan (25%)

Magenta (0%)

Yellow (75%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3710, -26.3119, -7.3414 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 76.3710, -26.3119, -7.3414 by changing the saturation by 10% instead.

■ 76.3710, -26.3119,
-7.3414

■ 76.3710, -26.3119,
-7.3414

255.0000, 0.0000,
0.0000

■ 52.4850, -25.8751,
-7.4413

■ 126.1430,
-27.1855, -7.1414

■ 32.6940, -16.1181,
-10.2556

■ 152.9150,
-28.0591, -6.9415

■ 15.2620, -7.5242,
-13.3848

■ 179.6870,
-28.9327, -6.7415


■ 0.0000, 0.0000,
0.0000


■ 207.4590,
-29.8063, -6.5415


■ 235.9320,
-30.5325, -6.9564


■ 248.9580,


-23.1503, 5.2988


 252.1500,
-10.9200, 2.4994


 76.3710, -26.3119,
-7.3414


 76.3710, -26.3119,
-7.3414


 74.4480, -29.8009,
-8.2859


 78.2940, -22.8229,
-6.3968


 72.5250, -33.2898,
-9.2304

 80.2170, -19.3340,
-5.4523

 71.3570, -35.1790,
-9.9601

 82.1400, -15.8450,
-4.5078

 84.0630, -12.3561,
-3.5633

 86.1000, -8.4303,
-2.7187

■ 88.0230, -4.9413,
-1.7742

■ 90.2450, -1.5998,
-0.2149

■ 92.1680, 1.8892,
0.7297

■ 94.0910, 5.3781,
1.6742

Harmonies

Analogous

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



79.4020, -33.2292, 18.0644



76.3710, -26.3119, -7.3414



66.8360, -8.3001, -44.5832

Triad

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



76.3710, -26.3119, -7.3414



71.6110, 33.2228, -62.8028



82.6610, 1.1531, 50.2863

Complementary

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



76.3710, -26.3119, -7.3414



37.6290, 26.3119, 7.3414

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.



85.5090, 15.0321, 32.0026



76.3710, -26.3119, -7.3414



67.9410, 39.4691, -59.5843

Square

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



76.3710, -26.3119, -7.3414



70.6360, 21.8715, -61.9478



84.6880, 26.7758, -1.4804



81.9480, -14.2714, 50.9116

Rectangle

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



76.3710, -26.3119, -7.3414



65.7340, 3.0891, -57.6487



84.6880, 26.7758, -1.4804



83.8930, 5.9688, 45.6978

Sweetspot

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



76.3710, -26.3119, -7.3414



111.6440, -10.1775, -2.3188



56.8330, -16.6797, 29.9645



55.3820, -6.1043, -2.0890



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.3710, -26.3119, -7.3414



94.5650, -40.7045, -11.0195



66.2050, -21.3001, -28.2438



44.8320, -1.8892, -0.7297



86.3970, -42.5937, -11.7492



186.0620, -91.7286, -25.4874

Inverse Universe

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



37.6290, 26.3119, 7.3414



34.4350, 40.7045, 11.0195



47.7950, 21.3001, 28.2438



42.1680, 1.8892, 0.7297



23.6030, 42.5937, 11.7492



50.9380, 91.7286, 25.4874

Previews

White Background



This preview shows how the YUV color 76.3710, -26.3119, -7.3414 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 76.3710, -26.3119, -7.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

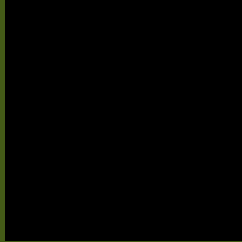
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3710, -26.3119, -7.3414

Background



This preview shows how black text looks on a background with the YUV color 76.3710, -26.3119, -7.3414.



This preview shows how white text looks on a background with the YUV color 76.3710, -26.3119,

-7.3414.

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

76.3710, -26.3119, -7.3414

Protanopia

79.8080, -28.9923, 12.4464

Deuteranopia

80.6610, -25.9619, 20.4683



Tritanopia

83.1070, 4.3842, -6.2328

Trichromacy



Original Color

76.3710, -26.3119, -7.3414

Protanomaly

78.9920, -28.0971, 5.2690

Deuteranomaly

78.8940, -26.0767, 10.6170

Tritanomaly

80.5340, -6.6723, -6.6073

Monochromacy



Original Color

76.3710, -26.3119, -7.3414

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8720, -9.3039, -2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3710, -26.3119, -7.3414 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(68, 91, 23)` looks like.

```
.text, #text, p{  
    color:rgb(68, 91, 23)  
}
```

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(68, 91, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 91, 23) }
```

Border

The CSS property to change the border of an element to YUV 76.3710, -26.3119, -7.3414 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(68, 91, 23) }
```


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

```
.border{ border-color:rgb(68, 91, 23) }
```

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

Here you see how a box with a 4 pixel rgb(68, 91, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 91, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 91, 23);  
box-shadow:4px 4px 4px 4px rgb(68, 91, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3710, -26.3119, -7.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 91, 23) }
```

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

```
.background{ background-color: rgb(68, 91,  
23) }
```

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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