

Converting Colors

YUV(77.5860, -5.7119, -34.7169)

Have a look what the booklet for
YUV(77.5860, -5.7119, -34.7169)
contains.

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Color

**YUV(77.5860, -5.7119,
-34.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	266442
RGB	38, 100, 66
RGB Percent	15%, 39%, 26%
CMY	0.8510, 0.6078, 0.7412
CMYK	0.62, 0.00, 0.34, 0.61
HSL	147°, 45%, 27%
HSV	147°, 62%, 39%
XYZ	6.3399, 9.9198, 6.7348
YIQ	77.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

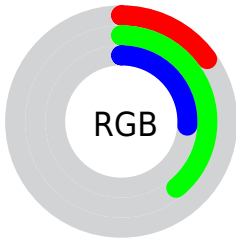
Format	Color
R_{YB}	38, 81, 100
Decimal	2516034
CIE _{Lab}	37.70, -28.68, 13.49
CIE _{LCh}	38, 31.694, 154.814
Yxy	9.9198, 0.2757, 0.4314
Android (android.graphics.Color)	4280706114 (0xFF266442)
YUV	77.5860, -5.7119, -34.7169
Hunter-Lab	31.4956, -19.1865, 9.3688

Details

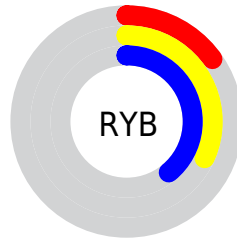
The YUV color **77.5860, -5.7119, -34.7169** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.4140, 5.7119, 34.7169**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2440, -7.0223, -34.4170**, and **33.1460, -5.0020, -29.0690** is the 20% darker color. If you saturate the color by 10%, you get **74.0260, -6.4218, -40.3648**, and if you desaturate by 10%, it is **81.1460, -5.0020, -29.0690**.

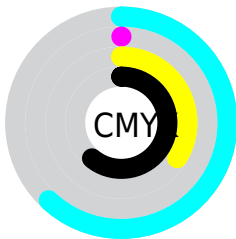
Distribution



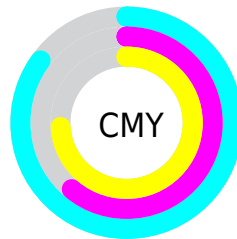
- Red (15%)
- Green (39%)
- Blue (26%)



- Red (15%)
- Yellow (32%)
- Blue (39%)



- Cyan (62%)
- Magenta (0%)
- Yellow (34%)
- Black (61%)



- Cyan (85%)
- Magenta (61%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5860, -5.7119, -34.7169 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 77.5860, -5.7119, -34.7169 by changing the saturation by 10% instead.

■ 77.5860, -5.7119,
-34.7169

■ 77.5860, -5.7119,
-34.7169

■ 255.0000, 0.0000,
0.0000

■ 51.7210, -3.8065,
-39.2203

■ 128.2440, -7.0223,
-34.4170

■ 33.1460, -5.0020,
-29.0690

■ 155.1300, -7.4591,
-34.3170

■ 19.3710, -9.5499,
-16.9884

■ 182.3040, -8.0379,
-35.3466

■ 0.0000, 0.0000,
0.0000

■ 209.8910, -8.3273,
-35.8614

■ 233.7820, -6.3015,
-32.2578

■ 245.7590, 2.0908,

-17.3286

■ 77.5860, -5.7119,
-34.7169

■ 77.5860, -5.7119,
-34.7169

■ 74.0260, -6.4218,
-40.3648

■ 81.1460, -5.0020,
-29.0690

■ 70.3520, -7.5685,
-45.9127

■ 84.8200, -3.8553,
-23.5211

■ 66.7920, -8.2785,
-51.5606

■ 88.3800, -3.1453,
-17.8733

■ 63.8300, -9.2832,
-55.9789

■ 92.0540, -1.9986,
-12.3254

■ 95.6140, -1.2887,
-6.6775

■ 99.2880, -0.1420,
-1.1296

■ 102.8480, 0.5679,
4.5183

■ 106.5220, 1.7147,
10.0662

■ 110.0820, 2.4246,
15.7141

Harmonies

Analogous

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



83.3090, -18.8863, -9.0410



77.5860, -5.7119, -34.7169



70.3620, 10.6675, -61.7075

Triad

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



77.5860, -5.7119, -34.7169



84.3380, 27.4414, -28.3604



88.6970, -13.6546, 39.7307

Complementary

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



77.5860, -5.7119, -34.7169



60.4140, 5.7119, 34.7169

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.



89.7970, -1.8719, 40.5200



77.5860, -5.7119, -34.7169



90.5980, 19.9182, 4.7376

Square

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



77.5860, -5.7119, -34.7169



72.3290, 30.8968, -63.4325



91.4070, 9.6593, 28.5841



87.9270, -22.6420, 29.0050

Rectangle

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



77.5860, -5.7119, -34.7169



71.7130, 18.3825, -62.8923



91.4070, 9.6593, 28.5841



89.0330, -9.8763, 41.1901

Sweetspot

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



77.5860, -5.7119, -34.7169



120.9290, -2.4300, -13.9697



84.5600, -22.9541, -11.0151



60.6030, -1.2833, -8.4218



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.



77.5860, -5.7119, -34.7169



95.2540, -8.9992, -53.7198



81.1200, 7.8288, -37.8162



49.1630, -0.5734, -2.7740



73.4330, -10.5665, -64.4007



154.4800, -22.4216, -135.4790

Inverse Universe

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



60.4140, 5.7119, 34.7169



68.7460, 8.9992, 53.7198



56.8800, -7.8288, 37.8162



47.8370, 0.5734, 2.7740



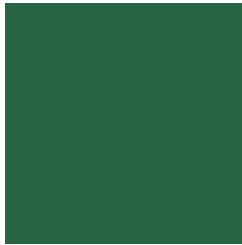
41.5670, 10.5665, 64.4007



87.5200, 22.4216, 135.4790

Previews

White Background



This preview shows how the YUV color 77.5860, -5.7119, -34.7169 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 77.5860, -5.7119, -34.7169 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 77.5860, -5.7119, -34.7169

Background



This preview shows how black text looks on a background with the YUV color 77.5860, -5.7119, -34.7169.



This preview shows how white text looks on a background with the YUV color 77.5860, -5.7119, -34.7169.

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

77.5860, -5.7119, -34.7169

Protanopia

87.0150, -12.8254, 7.0028

Deuteranopia

88.5580, -9.6421, 12.6656



Tritanopia

82.4570, 10.1277, -28.4648

Trichromacy



Original Color

77.5860, -5.7119, -34.7169

Protanomaly

83.3120, -10.0138, -8.1666

Deuteranomaly

84.2030, -7.9881, -4.5630

Tritanomaly

80.9530, 4.4602, -30.6538

Monochromacy



Original Color

77.5860, -5.7119, -34.7169

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7550, -1.8512, -12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5860, -5.7119, -34.7169 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(38, 100, 66)` looks like.

```
.text, #text, p{  
    color:rgb(38, 100, 66)  
}
```

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(38, 100, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 100, 66) }
```

Border

The CSS property to change the border of an element to YUV 77.5860, -5.7119, -34.7169 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(38, 100, 66) }
```


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

```
.border{ border-color:rgb(38, 100, 66) }
```

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

Here you see how a box with a 4 pixel rgb(38, 100, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 100, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 100, 66);  
box-shadow:4px 4px 4px 4px rgb(38, 100,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 77.5860, -5.7119, -34.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 100, 66) }
```

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

```
.background{ background-color: rgb(38, 100,  
66) }
```

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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