

Converting Colors

YUV(76.6710, -34.8408,
-25.1445)

Have a look what the booklet for
YUV(76.6710, -34.8408, -25.1445)
contains.

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Color

**YUV(76.6710, -34.8408,
-25.1445)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 306906 |
| RGB | 48, 105, 6 |
| RGB Percent | 19%, 41%, 2% |
| CMY | 0.8118, 0.5882, 0.9765 |
| CMYK | 0.54, 0.00, 0.94, 0.59 |
| HSL | 95°, 89%, 22% |
| HSV | 95°, 94%, 41% |
| XYZ | 6.3034, 10.7447, 1.9140 |
| YIQ | 76.6710, -2.1930, -42.8730 |

Conversions

Conversions Part 2

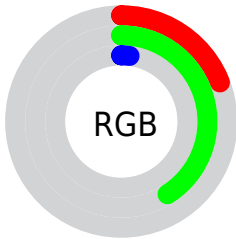
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 6, 105, 63 |
| Decimal | 3172614 |
| CIELab | 39.15, -35.32, 43.08 |
| CIElCh | 39, 55.705, 129.345 |
| Yxy | 10.7447, 0.3324, 0.5666 |
| Android (android.graphics.Color) | 4281362694 (0xFF306906) |
| YUV | 76.6710, -34.8408, -25.1445 |
| Hunter-Lab | 32.7791, -23.0381, 19.4833 |

Details

The YUV color **76.6710, -34.8408, -25.1445** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34.3290, 34.8408, 25.1445**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4260, -33.2410, -24.9296**, and **33.4590, -16.4953, -29.3435** is the 20% darker color. If you saturate the color by 10%, you get **75.0900, -37.0194, -26.3889**, and if you desaturate by 10%, it is **79.7190, -30.9205, -22.5556**.

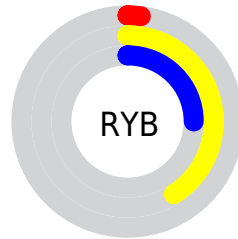
Distribution



Red (19%)

Green (41%)

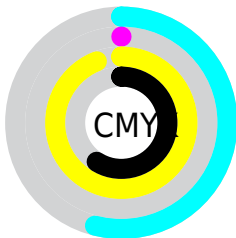
Blue (2%)



Red (2%)

Yellow (41%)

Blue (25%)

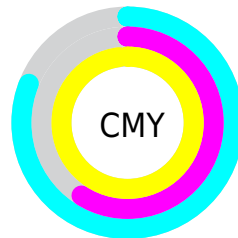


Cyan (54%)

Magenta (0%)

Yellow (94%)

Black (59%)



Cyan (81%)

Magenta (59%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6710, -34.8408, -25.1445 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 76.6710, -34.8408, -25.1445 by changing the saturation by 10% instead.

■ 76.6710, -34.8408,
-25.1445

■ 76.6710, -34.8408,
-25.1445

■ 254.5440, -1.7472,
0.3999

■ 52.6410, -25.9520,
-29.5032

■ 129.4260,
-33.2410, -24.9296

■ 33.4590, -16.4953,
-29.3435

■ 156.1980,
-34.1146, -24.7296

■ 21.7190, -10.7075,
-19.0476

■ 183.6710,
-34.8408, -25.1445


■ 0.0000, 0.0000,
0.0000


■ 211.4430,
-35.7144, -24.9445


■ 231.9970,
-32.5365, -17.5374


■ 243.8600,


-24.5810, -2.5082


 251.2380,
-14.4143, 3.2993


 76.6710, -34.8408,
-25.1445


 76.6710, -34.8408,
-25.1445


 75.0900, -37.0194,
-26.3889

 79.7190, -30.9205,
-22.5556

 82.6530, -27.4369,
-19.8667

 85.7010, -23.5166,
-17.2778

 88.6350, -20.0331,
-14.5889

 91.6830, -16.1127,
-12.0000

■ 94.6170, -12.6292,
-9.3111

■ 97.6650, -8.7088,
-6.7222

■ 100.5990, -5.2253,
-4.0333

■ 103.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



85.3660, -42.0854, 11.9570



76.6710, -34.8408, -25.1445



71.1820, -6.4987, -62.4266

Triad

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



76.6710, -34.8408, -25.1445



82.4000, 46.6378, -72.2648



83.1420, -1.5490, 77.0515

Complementary

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



76.6710, -34.8408, -25.1445



34.3290, 34.8408, 25.1445

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.



89.6570, 17.4241, 58.1828



76.6710, -34.8408, -25.1445



75.3390, 52.5839, -66.0723

Square

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



76.6710, -34.8408, -25.1445



82.1430, 32.9605, -72.0394



94.3230, 33.8578, 13.7487



85.8270, -24.0717, 67.6807

Rectangle

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



76.6710, -34.8408, -25.1445



76.0040, 6.9000, -66.6555



94.3230, 33.8578, 13.7487



84.2540, 5.2978, 74.3222

Sweetspot

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



76.6710, -34.8408, -25.1445



126.9760, -13.7922, -9.6260



68.4730, -30.7992, 32.0342



62.0780, -8.4195, -6.2074



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.6710, -34.8408, -25.1445



98.3480, -48.4856, -35.3852



64.9110, -25.5921, -51.6649



52.1200, -2.0312, -1.8592



83.6290, -41.2291, -29.4926



174.9110, -86.2311, -62.1889

Inverse Universe

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



34.3290, 34.8408, 25.1445



39.3530, 48.6330, 34.7704



46.0890, 25.5921, 51.6649



49.5810, 2.1786, 1.2445



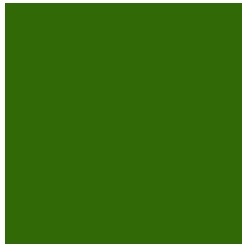
33.6700, 41.0817, 30.1074



70.0890, 86.2311, 62.1889

Previews

White Background



This preview shows how the YUV color 76.6710, -34.8408, -25.1445 looks on a white background.

Color Contrast Check

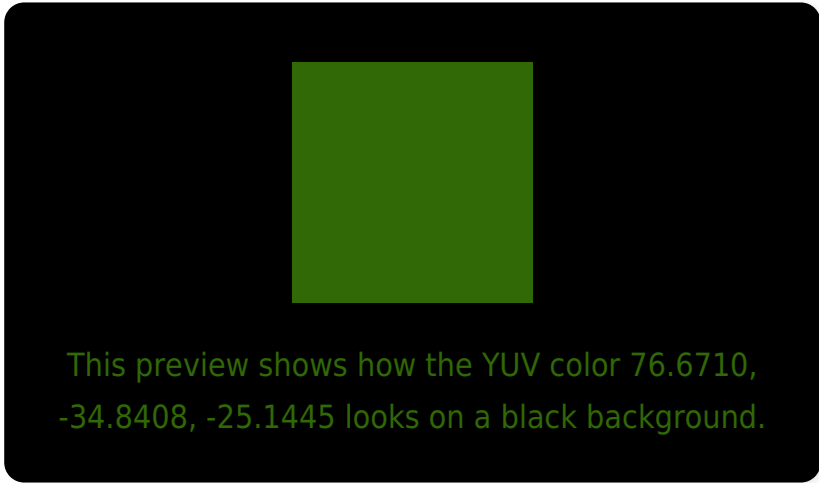
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 76.6710, -34.8408, -25.1445 Background



This preview shows how black text looks on a background with the YUV color 76.6710, -34.8408, -25.1445.



This preview shows how white text looks on a background with the YUV color 76.6710, -34.8408,

-25.1445.

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

76.6710, -34.8408, -25.1445

Protanopia

85.1000, -41.9543, 16.5753

Deuteranopia

88.2610, -32.6667, 24.3271



Tritanopia

88.3330, 8.2168, -22.2170

Trichromacy



Original Color

76.6710, -34.8408, -25.1445

Protanomaly

82.2830, -39.5795, 1.5058

Deuteranomaly

84.2110, -33.6280, 5.9540

Tritanomaly

84.4950, -7.6390, -23.2361

Monochromacy



Original Color

76.6710, -34.8408, -25.1445

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6170, -12.6292, -9.3111

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6710, -34.8408, -25.1445 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(48, 105, 6)` looks like.

```
.text, #text, p{  
    color:rgb(48, 105, 6)  
}
```

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(48, 105, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 105, 6) }
```

Border

The CSS property to change the border of an element to YUV 76.6710, -34.8408, -25.1445 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(48, 105, 6) }
```


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

```
.border{ border-color:rgb(48, 105, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 105, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 105, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 105, 6);  
box-shadow:4px 4px 4px 4px rgb(48, 105, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6710, -34.8408, -25.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 105, 6) }
```

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

```
.background{ background-color: rgb(48, 105,  
6) }
```

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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