

Converting Colors

YUV(76.7120, -6.7600, -25.1804)

Have a look what the booklet for
YUV(76.7120, -6.7600, -25.1804)
contains.

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Color

**YUV(76.7120, -6.7600,
-25.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	305E3F
RGB	48, 94, 63
RGB Percent	19%, 37%, 25%
CMY	0.8118, 0.6314, 0.7529
CMYK	0.49, 0.00, 0.33, 0.63
HSL	140°, 32%, 28%
HSV	140°, 49%, 37%
XYZ	6.1188, 8.9927, 6.1159
YIQ	76.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

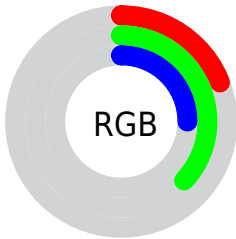
Format	Color
RYB	48, 83, 94
Decimal	3169855
CIELab	35.97, -23.62, 13.01
CIELCh	36, 26.964, 151.152
Yxy	8.9927, 0.2883, 0.4236
Android (android.graphics.Color)	4281359935 (0xFF305E3F)
YUV	76.7120, -6.7600, -25.1804
Hunter-Lab	29.9878, -16.0567, 8.8995

Details

The YUV color **76.7120, -6.7600, -25.1804** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.2880, 6.7600, 25.1804**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7720, -7.7756, -26.1100**, and **29.8690, -4.8654, -26.1951** is the 20% darker color. If you saturate the color by 10%, you get **73.3370, -8.0541, -30.1135**, and if you desaturate by 10%, it is **80.0870, -5.4659, -20.2473**.

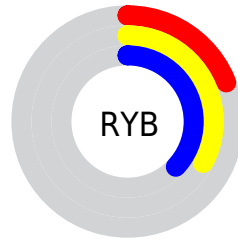
Distribution



Red (19%)

Green (37%)

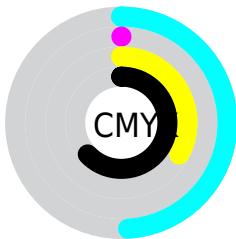
Blue (25%)



Red (19%)

Yellow (33%)

Blue (37%)

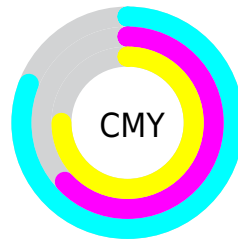


Cyan (49%)

Magenta (0%)

Yellow (33%)

Black (63%)



Cyan (81%)

Magenta (63%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7120, -6.7600, -25.1804 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 76.7120, -6.7600, -25.1804 by changing the saturation by 10% instead.

■ 76.7120, -6.7600,
-25.1804

■ 76.7120, -6.7600,
-25.1804

■ 255.0000, 0.0000,
0.0000

■ 52.9400, -5.8864,
-25.3804

■ 126.7720, -7.7756,
-26.1100

■ 29.8690, -4.8654,
-26.1951

■ 152.6580, -8.2124,
-26.0101

■ 16.4360, -8.1029,
-14.4144

■ 179.9460, -8.3544,
-27.1396

■ 0.0000, 0.0000,
0.0000

■ 207.5330, -8.6438,
-27.6544

■ 235.4190, -9.0806,
-27.5545

■ 247.3960, -0.6882,

-12.6253

■ 76.7120, -6.7600,
-25.1804

■ 76.7120, -6.7600,
-25.1804

■ 73.3370, -8.0541,
-30.1135

■ 80.0870, -5.4659,
-20.2473

■ 69.5490, -9.6377,
-35.5615

■ 83.8750, -3.8824,
-14.7994

■ 66.1740, -10.9318,
-40.4946

■ 87.2500, -2.5882,
-9.8663

■ 62.5000, -12.0785,
-46.0425

■ 90.9240, -1.4415,
-4.3183

■ 59.0110, -13.8094,
-50.8756

■ 94.4130, 0.2894,
0.5148

■ 58.7120, -13.6620,
-51.4904

■ 97.7880, 1.5835,
5.4479

■ 101.4620, 2.7302,
10.9958

■ 104.9510, 4.4612,
15.8290

■ 108.6250, 5.6079,
21.3769

Harmonies

Analogous

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



80.6130, -16.5712, -4.9226



76.7120, -6.7600, -25.1804



66.6400, 9.0515, -56.6893

Triad

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



76.7120, -6.7600, -25.1804



80.9100, 23.2154, -26.2311



85.0600, -10.8756, 35.0274

Complementary

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



76.7120, -6.7600, -25.1804



65.2880, 6.7600, 25.1804

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.



86.3940, -0.6872, 33.8575



76.7120, -6.7600, -25.1804



86.5930, 17.4557, 1.2339

Square

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



76.7120, -6.7600, -25.1804



67.9120, 26.6654, -59.5588



87.2490, 9.2442, 21.7066



84.3550, -18.4160, 26.8757

Rectangle

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



76.7120, -6.7600, -25.1804



67.6380, 15.4615, -59.3185



87.2490, 9.2442, 21.7066



85.5700, -7.6760, 35.4571

Sweetspot

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



76.7120, -6.7600, -25.1804



115.2500, -2.5882, -9.8663



84.2710, -17.8816, -4.6227



56.9130, -1.4361, -6.0627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.7120, -6.7600, -25.1804



95.0000, -10.3530, -39.4650



79.3340, 3.2863, -27.4799



44.1630, -0.5734, -2.7740



68.6740, -16.1083, -60.2271



147.8970, -34.9522, -129.7057

Inverse Universe

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



65.2880, 6.7600, 25.1804



77.1140, 10.7898, 39.3650



62.6660, -3.2863, 27.4799



42.8370, 0.5734, 2.7740



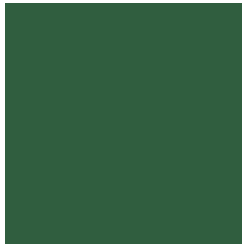
41.3260, 16.1083, 60.2271



89.1030, 34.9522, 129.7057

Previews

White Background



This preview shows how the YUV color 76.7120, -6.7600, -25.1804 looks on a white background.

Color Contrast Check

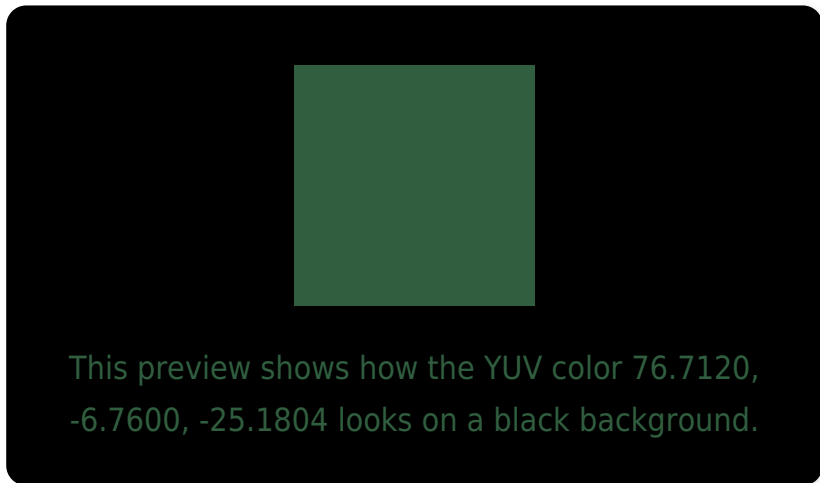
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

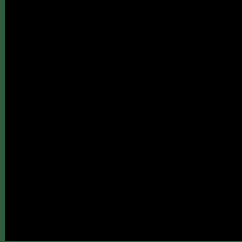
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7120, -6.7600, -25.1804

Background



This preview shows how black text looks on a background with the YUV color 76.7120, -6.7600, -25.1804.



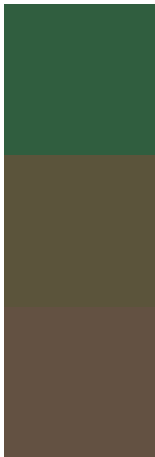
This preview shows how white text looks on a background with the YUV color 76.7120, -6.7600,

-25.1804.

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

76.7120, -6.7600, -25.1804

Protanopia

83.2430, -11.9518, 6.8029

Deuteranopia

84.6720, -9.2053, 12.5657



Tritanopia

80.6320, 8.0694, -21.6023

Trichromacy



Original Color

76.7120, -6.7600, -25.1804

Protanomaly

80.9210, -10.3141, -5.1927

Deuteranomaly

81.8120, -8.2883, -1.5891

Tritanomaly

78.9540, 2.9807, -22.7617

Monochromacy



Original Color

76.7120, -6.7600, -25.1804

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6630, -2.2989, -9.3515

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7120, -6.7600, -25.1804 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, 94, 63)` looks like.

```
.text, #text, p{  
    color:rgb(48, 94, 63)  
}
```

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, 94, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 94, 63) }
```

Border

The CSS property to change the border of an element to YUV 76.7120, -6.7600, -25.1804 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, 94, 63) }
```


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

```
.border{ border-color:rgb(48, 94, 63) }
```

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

Here you see how a box with a 4 pixel rgb(48, 94, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 94, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 94, 63);  
box-shadow:4px 4px 4px 4px rgb(48, 94, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7120, -6.7600, -25.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 94, 63) }
```

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

```
.background{ background-color: rgb(48, 94,  
63) }
```

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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