

Converting Colors

YUV(76.7350, -8.2504, -13.7996)

Have a look what the booklet for
YUV(76.7350, -8.2504, -13.7996)
contains.

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Color

**YUV(76.7350, -8.2504,
-13.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	3D583C
RGB	61, 88, 60
RGB Percent	24%, 35%, 24%
CMY	0.7608, 0.6549, 0.7647
CMYK	0.31, 0.00, 0.32, 0.65
HSL	118°, 19%, 29%
HSV	118°, 32%, 35%
XYZ	6.2298, 8.2978, 5.5483
YIQ	76.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

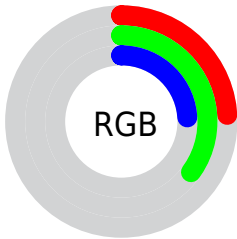
Format	Color
R_{YB}	60, 88, 87
Decimal	4020284
CIE _{Lab}	34.60, -16.49, 13.09
CIE _{LCh}	35, 21.050, 141.562
Yxy	8.2978, 0.3103, 0.4133
Android (android.graphics.Color)	4282210364 (0xFF3D583C)
YUV	76.7350, -8.2504, -13.7996
Hunter-Lab	28.8059, -11.8064, 8.7444

Details

The YUV color **76.7350, -8.2504, -13.7996** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.2650, 8.2504, 13.7996**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9090, -8.8291, -14.8292**, and **31.7890, -6.7980, -12.9700** is the 20% darker color. If you saturate the color by 10%, you get **73.3170, -11.0023, -17.8180**, and if you desaturate by 10%, it is **80.1530, -5.4984, -9.7812**.

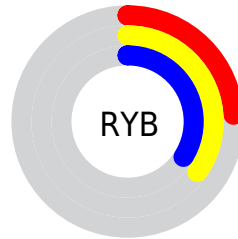
Distribution



Red (24%)

Green (35%)

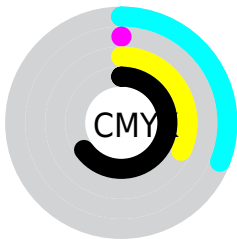
Blue (24%)



Red (24%)

Yellow (35%)

Blue (34%)

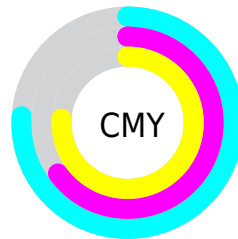


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7350, -8.2504, -13.7996 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 76.7350, -8.2504, -13.7996 by changing the saturation by 10% instead.

■ 76.7350, -8.2504,
-13.7996

■ 76.7350, -8.2504,
-13.7996

255.0000, 0.0000,
0.0000

■ 53.8490, -7.8136,
-13.8996

■ 125.9090, -8.8291,
-14.8292

■ 31.7890, -6.7980,
-12.9700

■ 151.7950, -9.2659,
-14.7292

■ 13.5010, -6.6560,
-11.8404

■ 178.9690, -9.8447,
-15.7588

■ 0.0000, 0.0000,
0.0000

■ 205.9690, -9.8447,
-15.7588

■ 234.5560,
-10.1341, -16.2736

■ 250.5280, -4.2043,

-4.8481

■ 76.7350, -8.2504,
-13.7996

■ 76.7350, -8.2504,
-13.7996

■ 73.3170, -11.0023,
-17.8180

■ 80.1530, -5.4984,
-9.7812

■ 69.6000, -13.6068,
-22.4512

■ 83.8700, -2.8939,
-5.1480

■ 66.2960, -15.9219,
-26.5696

■ 87.1740, -0.5788,
-1.0296

■ 62.5790, -18.5264,
-31.2028

■ 90.8910, 2.0257,
3.6036

■ 59.1610, -21.2784,
-35.2212

■ 94.3090, 4.7777,
7.6220

■ 55.4440, -23.8829,
-39.8544

■ 98.0260, 7.3822,
12.2552

■ 52.5530, -25.9086,
-43.4580

■ 101.4440, 10.1341,
16.2736

■ 105.0470, 12.3018,
21.0068

■ 108.4650, 15.0538,
25.0252

Harmonies

Analogous

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



78.9280, -14.2615, 0.9401



76.7350, -8.2504, -13.7996



73.4540, 1.2552, -29.3392

Triad

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



76.7350, -8.2504, -13.7996



77.2540, 18.1158, -23.9018



82.5690, -6.1965, 27.5650

Complementary

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



76.7350, -8.2504, -13.7996



71.2650, 8.2504, 13.7996

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.



83.6100, 1.6713, 24.0210



76.7350, -8.2504, -13.7996



82.1640, 14.7091, -4.5288

Square

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



76.7350, -8.2504, -13.7996



71.0300, 17.7332, -41.2453



83.7810, 8.9820, 12.4701



81.8260, -12.7322, 23.8316

Rectangle

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



76.7350, -8.2504, -13.7996



70.5220, 8.1237, -39.0458



83.7810, 8.9820, 12.4701



83.1390, -4.0125, 27.0651

Sweetspot

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



76.7350, -8.2504, -13.7996



110.3430, -3.6201, -5.5628



84.2210, -11.9410, 3.3142



56.1090, -2.0257, -3.6036



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.



76.7350, -8.2504, -13.7996



97.4260, -13.0280, -21.4216



77.9180, -2.4246, -15.7141



41.3480, -1.1576, -2.0592



64.0050, -31.5545, -52.6244



140.3370, -69.1861, -116.0595

Inverse Universe

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



71.2650, 8.2504, 13.7996



88.5740, 13.0280, 21.4216



70.0820, 2.4246, 15.7141



40.6520, 1.1576, 2.0592



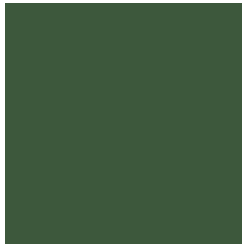
42.9950, 31.5545, 52.6244



94.3640, 69.3335, 115.4448

Previews

White Background



This preview shows how the YUV color 76.7350, -8.2504, -13.7996 looks on a white background.

Color Contrast Check

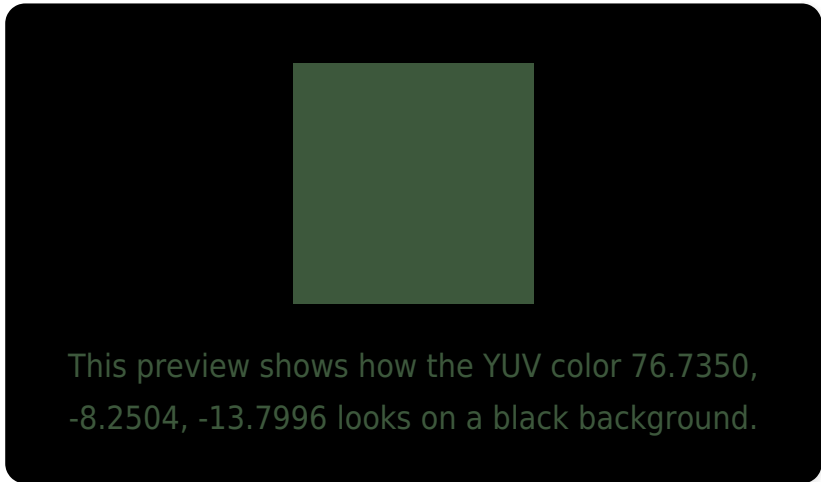
Large Text (above 18pt) WCAG AA ✓ Pass

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

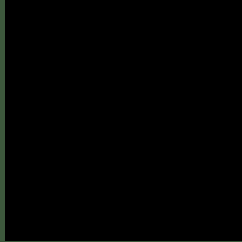
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7350, -8.2504, -13.7996

Background



This preview shows how black text looks on a background with the YUV color 76.7350, -8.2504, -13.7996.



This preview shows how white text looks on a background with the YUV color 76.7350, -8.2504,

-13.7996.

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

76.7350, -8.2504, -13.7996

Protanopia

80.3570, -11.5150, 6.7029

Deuteranopia

81.2590, -9.4947, 12.0509



Tritanopia

79.7150, 5.5635, -11.1511

Trichromacy



Original Color

76.7350, -8.2504, -13.7996

Protanomaly

79.2420, -10.4723, -1.0892

Deuteranomaly

79.9050, -9.3202, 2.7143

Tritanomaly

78.4500, 0.7641, -11.7957

Monochromacy



Original Color

76.7350, -8.2504, -13.7996

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7350, -8.2504, -13.7996 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(61, 88, 60)` looks like.

```
.text, #text, p{  
    color:rgb(61, 88, 60)  
}
```

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(61, 88, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 88, 60) }
```

Border

The CSS property to change the border of an element to YUV 76.7350, -8.2504, -13.7996 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(61, 88, 60) }
```


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

```
.border{ border-color:rgb(61, 88, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 88, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 88, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 88, 60);  
box-shadow:4px 4px 4px 4px rgb(61, 88, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7350, -8.2504, -13.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 88, 60) }
```

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

```
.background{ background-color: rgb(61, 88,  
60) }
```

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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