

Converting Colors

YUV(78.3360, -33.1966, 7.5983)

Have a look what the booklet for
YUV(78.3360, -33.1966, 7.5983)
contains.

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Color

**YUV(78.3360, -33.1966,
7.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	57570B
RGB	87, 87, 11
RGB Percent	34%, 34%, 4%
CMY	0.6588, 0.6588, 0.9569
CMYK	0.00, 0.00, 0.87, 0.66
HSL	60°, 78%, 19%
HSV	60°, 87%, 34%
XYZ	7.3991, 8.8668, 1.6381
YIQ	78.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

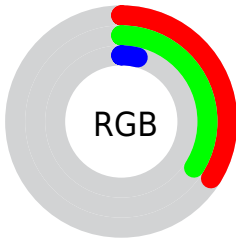
Format	Color
R_{YB}	11, 87, 11
Decimal	5723915
CIE _{Lab}	35.73, -9.47, 39.81
CIE _{LCh}	36, 40.921, 103.376
Yxy	8.8668, 0.4133, 0.4952
Android (android.graphics.Color)	4283913995 (0xFF57570B)
YUV	78.3360, -33.1966, 7.5983
Hunter-Lab	29.7772, -7.7560, 17.5824

Details

The YUV color **78.3360, -33.1966, 7.5983** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.6640, 33.1966, -7.5983**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0480, -33.0547, 8.7279**, and **36.0160, -17.7559, 1.7400** is the 20% darker color. If you saturate the color by 10%, you get **77.3100, -37.1278, 8.4981**, and if you desaturate by 10%, it is **79.3620, -29.2655, 6.6985**.

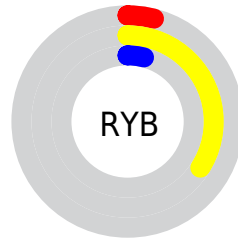
Distribution



Red (34%)

Green (34%)

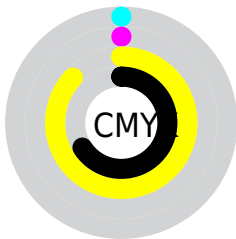
Blue (4%)



Red (4%)

Yellow (34%)

Blue (4%)

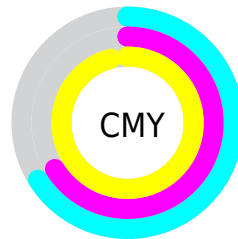


Cyan (0%)

Magenta (0%)

Yellow (87%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3360, -33.1966, 7.5983 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 78.3360, -33.1966, 7.5983 by changing the saturation by 10% instead.

■ 78.3360, -33.1966,
7.5983

■ 78.3360, -33.1966,
7.5983

■ 254.3160, -2.6208,
0.5999

■ 56.1060, -27.6603,
5.1690

■ 129.0480,
-33.0547, 8.7279

■ 36.0160, -17.7559,
1.7400

■ 155.5320,
-33.7863, 10.0574

■ 15.3060, -7.5459,
-6.4074

■ 182.6030,
-34.8073, 10.8722

■ 0.0000, 0.0000,
0.0000

■ 209.7880,
-35.3915, 11.5869

■ 238.5600,
-36.2651, 11.7869

■ 247.8180,

-27.5183, 6.2986

■ 251.1240,
-14.8511, 3.3993

■ 78.3360, -33.1966,
7.5983

■ 78.3360, -33.1966,
7.5983

■ 77.3100, -37.1278,
8.4981

■ 79.3620, -29.2655,
6.6985

■ 77.0820, -38.0014,
8.6981

■ 80.2740, -25.7711,
5.8987

■ 81.3000, -21.8399,
4.9989

■ 82.3260, -17.9087,
4.0991

■ 83.3520, -13.9775,
3.1993

■ 84.2640, -10.4832,
2.3995

■ 85.2900, -6.5520,
1.4997

■ 86.3160, -2.6208,
0.5999

■ 87.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



81.1200, -32.1042, 30.5898



78.3360, -33.1966, 7.5983



73.8900, -20.1588, -20.9515

Triad

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



78.3360, -33.1966, 7.5983



72.1180, 27.5498, -63.2475



84.7940, 9.4686, 43.1537

Complementary

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



78.3360, -33.1966, 7.5983



19.6640, 33.1966, -7.5983

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.



86.6470, 22.3590, 15.2186



78.3360, -33.1966, 7.5983



71.3490, 37.2959, -62.5731

Square

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



78.3360, -33.1966, 7.5983



69.8720, 13.8671, -61.2777



79.3470, 33.8459, -29.2453



81.9620, -5.4043, 53.5303

Rectangle

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



78.3360, -33.1966, 7.5983



62.9810, -4.9206, -55.2343



79.3470, 33.8459, -29.2453



85.8900, 13.8582, 35.1765

Sweetspot

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



78.3360, -33.1966, 7.5983



108.6940, -12.6671, 2.8994



33.7240, -11.2029, 46.7231



54.0620, -7.4256, 1.6996



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



78.3360, -33.1966, 7.5983



99.2320, -48.9214, 11.1975



66.9740, -27.5952, -15.7632



42.5440, -1.7472, 0.3999



94.8020, -46.7374, 10.6976



208.2100, -102.6475, 23.4948

Inverse Universe

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



19.6640, 33.1966, -7.5983



12.7680, 48.9214, -11.1975



31.0260, 27.5952, 15.7632



39.4560, 1.7472, -0.3999



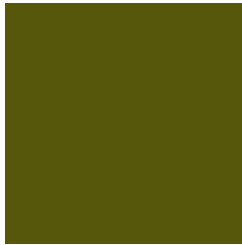
12.1980, 46.7374, -10.6976



26.7900, 102.6475, -23.4948

Previews

White Background



This preview shows how the YUV color 78.3360, -33.1966, 7.5983 looks on a white background.

Color Contrast Check

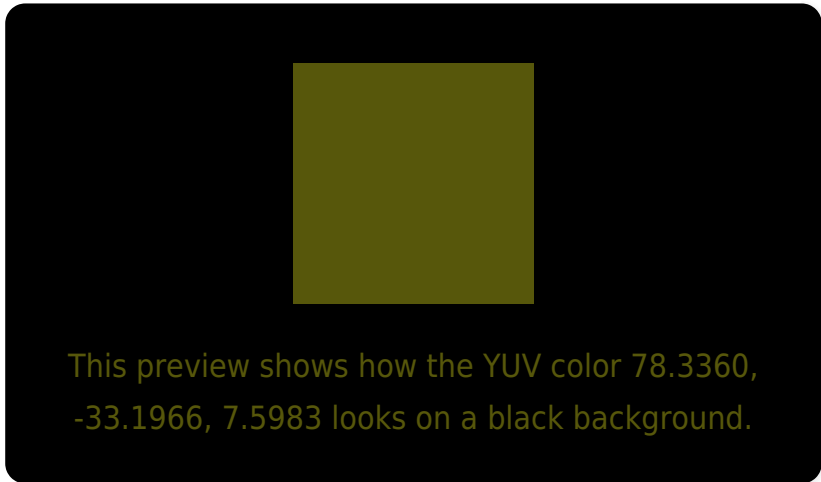
Large Text (above 18pt) WCAG AA ✓ Pass

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

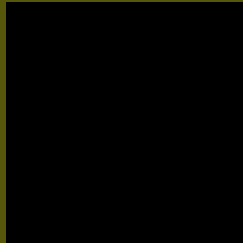
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3360, -33.1966, 7.5983

Background



This preview shows how black text looks on a background with the YUV color 78.3360, -33.1966, 7.5983.

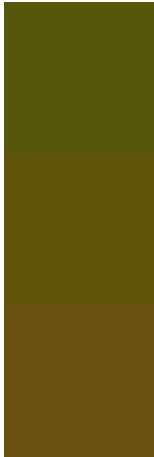


This preview shows how white text looks on a background with the YUV color 78.3360, -33.1966,

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

78.3360, -33.1966, 7.5983

Protanopia

78.8530, -33.9445, 14.1609

Deuteranopia

80.5920, -31.3509, 22.2828



Tritanopia

85.2720, 0.8519, 6.7775

Trichromacy



Original Color

78.3360, -33.1966, 7.5983

Protanomaly

78.5430, -33.7917, 11.8018

Deuteranomaly

80.0320, -32.0608, 16.6349

Tritanomaly

82.6560, -11.6624, 7.3177

Monochromacy



Original Color

78.3360, -33.1966, 7.5983

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3360, -33.1966, 7.5983 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(87, 87, 11)` looks like.

```
.text, #text, p{  
    color:rgb(87, 87, 11)  
}
```

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(87, 87, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 87, 11) }
```

Border

The CSS property to change the border of an element to YUV 78.3360, -33.1966, 7.5983 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(87, 87, 11) }
```


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

```
.border{ border-color:rgb(87, 87, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 87, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 87, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 87, 11);  
box-shadow:4px 4px 4px 4px rgb(87, 87, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.3360, -33.1966, 7.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 87, 11) }
```

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

```
.background{ background-color: rgb(87, 87,  
11) }
```

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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