

Converting Colors

YUV(97.0580, -35.0316,
-10.5749)

Have a look what the booklet for
YUV(97.0580, -35.0316, -10.5749)
contains.

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Color

**YUV(97.0580, -35.0316,
-10.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	55751A
RGB	85, 117, 26
RGB Percent	33%, 46%, 10%
CMY	0.6667, 0.5412, 0.8980
CMYK	0.27, 0.00, 0.78, 0.54
HSL	81°, 64%, 28%
HSV	81°, 78%, 46%
XYZ	10.2941, 14.7285, 3.2776
YIQ	97.0580, 10.1390, -35.0850

Conversions

Conversions Part 2

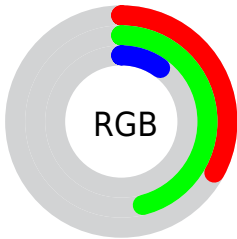
Format	Color
R_{YB}	26, 117, 58
Decimal	5600538
CIE _{Lab}	45.26, -25.72, 43.41
CIE _{LCh}	45, 50.452, 120.647
Yxy	14.7285, 0.3637, 0.5204
Android (android.graphics.Color)	4283790618 (0xFF55751A)
YUV	97.0580, -35.0316, -10.5749
Hunter-Lab	38.3777, -19.2818, 21.8008

Details

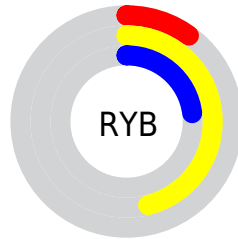
The YUV color **97.0580, -35.0316, -10.5749** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45.9420, 35.0316, 10.5749**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2430, -35.6158, -9.8601**, and **50.6800, -24.9852, -12.8744** is the 20% darker color. If you saturate the color by 10%, you get **94.4940, -39.6835, -11.8342**, and if you desaturate by 10%, it is **99.6220, -30.3796, -9.3155**.

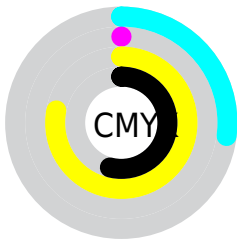
Distribution



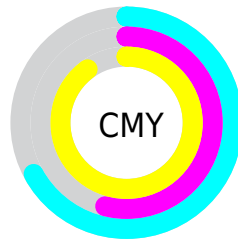
- Red (33%)
- Green (46%)
- Blue (10%)



- Red (10%)
- Yellow (46%)
- Blue (23%)



- Cyan (27%)
- Magenta (0%)
- Yellow (78%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0580, -35.0316, -10.5749 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 97.0580, -35.0316, -10.5749 by changing the saturation by 10% instead.

■ 97.0580, -35.0316,
-10.5749

■ 97.0580, -35.0316,
-10.5749

255.0000, 0.0000,
0.0000

■ 71.9440, -35.4684,
-10.4749

■ 149.2430,
-35.6158, -9.8601

■ 50.6800, -24.9852,
-12.8744

■ 176.7160,
-36.3420, -10.2749

■ 28.7960, -14.1964,
-19.9921

■ 204.4880,
-37.2156, -10.0750

■ 15.8490, -7.8136,
-13.8996

■ 232.2600,
-38.0892, -9.8750

■ 0.0000, 0.0000,
0.0000

■ 245.2970,
-30.7124, 4.1245

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

97.0580, -35.0316,
-10.5749

97.0580, -35.0316,
-10.5749

94.4940, -39.6835,
-11.8342

99.6220, -30.3796,
-9.3155

92.0440, -43.8987,
-13.1936

102.0720,
-26.1645, -7.9561

91.4030, -45.0617,
-13.5084

104.6360,
-21.5125, -6.6968

107.2000,
-16.8606, -5.4374

110.0630,
-12.3561, -3.5633

■ 112.5130, -8.1409,
-2.2039

■ 115.0770, -3.4890,
-0.9445

■ 117.6410, 1.1630,
0.3148

■ 120.0910, 5.3781,
1.6742

Harmonies

Analogous

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



100.2920, -46.4860, 23.4229



97.0580, -35.0316, -10.5749



80.3830, -8.0768, -69.6189

Triad

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



97.0580, -35.0316, -10.5749



92.1340, 43.3179, -80.8015



104.5860, 1.6831, 67.0151

Complementary

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



97.0580, -35.0316, -10.5749



45.9420, 35.0316, 10.5749

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.



109.4270, 19.5095, 42.5985



97.0580, -35.0316, -10.5749



87.6320, 51.4534, -76.8533

Square

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



97.0580, -35.0316, -10.5749



90.9480, 28.6196, -79.7614



109.1640, 34.9221, -1.0208



103.7220, -18.1039, 66.8958

Rectangle

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



97.0580, -35.0316, -10.5749



84.4500, 3.7222, -74.0626



109.1640, 34.9221, -1.0208



105.8610, 7.9565, 61.5119

Sweetspot

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



97.0580, -35.0316, -10.5749



145.4220, -13.5190, -3.8781



71.9930, -22.6745, 39.4711



72.1000, -8.4303, -2.7187



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.0580, -35.0316, -10.5749



121.8620, -54.6550, -16.5420



83.6030, -28.3983, -38.2398



57.7180, -2.3260, -0.6297



95.2350, -46.9509, -14.2381



195.1880, -96.2277, -29.1059

Inverse Universe

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



45.9420, 35.0316, 10.5749



42.1380, 54.6550, 16.5420



59.3970, 28.3983, 38.2398



54.2820, 2.3260, 0.6297



26.7650, 46.9509, 14.2381



54.8120, 96.2277, 29.1059

Previews

White Background



This preview shows how the YUV color 97.0580, -35.0316, -10.5749 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



This preview shows how the YUV color 97.0580, -35.0316, -10.5749 looks on a 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 97.0580, -35.0316, -10.5749

Background



This preview shows how black text looks on a background with the YUV color 97.0580, -35.0316, -10.5749.



This preview shows how white text looks on a background with the YUV color 97.0580, -35.0316, -10.5749.

-10.5749.

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

97.0580, -35.0316, -10.5749

Protanopia

101.3110, -38.6073, 16.3903

Deuteranopia

103.1150, -34.5667, 27.0861



Tritanopia

106.1390, 5.8475, -8.8919

Trichromacy



Original Color

97.0580, -35.0316, -10.5749

Protanomaly

99.8860, -37.4118, 6.2390

Deuteranomaly

100.9130, -34.9601, 13.2313

Tritanomaly

102.9420, -8.8454, -9.5961

Monochromacy



Original Color

97.0580, -35.0316, -10.5749

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9490, -12.7929, -3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0580, -35.0316, -10.5749 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(85, 117, 26)` looks like.

```
.text, #text, p{  
    color:rgb(85, 117, 26)  
}
```

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(85, 117, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 117, 26) }
```

Border

The CSS property to change the border of an element to YUV 97.0580, -35.0316, -10.5749 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(85, 117, 26) }
```


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

```
.border{ border-color:rgb(85, 117, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 117, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 117, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 117, 26);  
box-shadow:4px 4px 4px 4px rgb(85, 117,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 97.0580, -35.0316, -10.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 117, 26) }
```

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

```
.background{ background-color: rgb(85, 117,  
26) }
```

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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