

Converting Colors

YUV(85.2790, -37.1125,
-43.2177)

Have a look what the booklet for
YUV(85.2790, -37.1125, -43.2177)
contains.

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Color

**YUV(85.2790, -37.1125,
-43.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	247D0A
RGB	36, 125, 10
RGB Percent	14%, 49%, 4%
CMY	0.8588, 0.5098, 0.9608
CMYK	0.71, 0.00, 0.92, 0.51
HSL	106°, 85%, 26%
HSV	106°, 92%, 49%
XYZ	8.1160, 15.0642, 2.7671
YIQ	85.2790, -16.1290, -54.6330

Conversions

Conversions Part 2

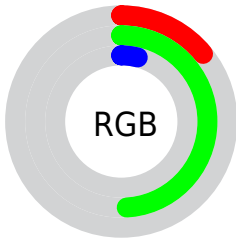
Format	Color
RYB	10, 125, 99
Decimal	2391306
CIELab	45.72, -45.87, 47.62
CIELCh	46, 66.114, 133.928
Yxy	15.0642, 0.3128, 0.5806
Android (android.graphics.Color)	4280581386 (0xFF247D0A)
YUV	85.2790, -37.1125, -43.2177
Hunter-Lab	38.8126, -30.5967, 22.9419

Details

The YUV color **85.2790, -37.1125, -43.2177** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.7210, 37.1125, 43.2177**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5290, -36.2498, -39.9289**, and **44.0250, -21.7043, -38.6099** is the 20% darker color. If you saturate the color by 10%, you get **81.7470, -40.3013, -47.1361**, and if you desaturate by 10%, it is **89.7510, -32.9082, -38.3696**.

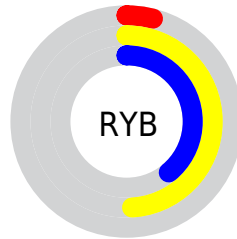
Distribution



Red (14%)

Green (49%)

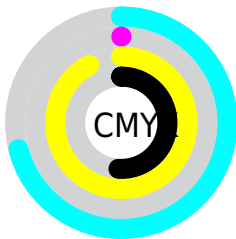
Blue (4%)



Red (4%)

Yellow (49%)

Blue (39%)

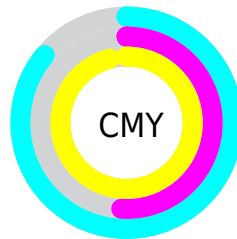


Cyan (71%)

Magenta (0%)

Yellow (92%)

Black (51%)



Cyan (86%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2790, -37.1125, -43.2177 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 85.2790, -37.1125, -43.2177 by changing the saturation by 10% instead.

■ 85.2790, -37.1125,
-43.2177

■ 85.2790, -37.1125,
-43.2177

255.0000, 0.0000,
0.0000

■ 58.1130, -28.6497,
-50.9651

■ 141.5290,
-36.2498, -39.9289

■ 44.0250, -21.7043,
-38.6099

■ 168.7140,
-36.8340, -39.2142

■ 29.9370, -14.7589,
-26.2547

■ 197.0730,
-37.9970, -39.5290

■ 16.4360, -8.1029,
-14.4144


■ 220.2630,
-36.1187, -35.3107


■ 0.0000, 0.0000,
0.0000


■ 232.0120,
-28.5999, -20.1815


■ 244.1740,


-20.7918, -4.5376


 252.2640,
-10.4832, 2.3995


 85.2790, -37.1125,
-43.2177


 85.2790, -37.1125,
-43.2177


 81.7470, -40.3013,
-47.1361

 89.7510, -32.9082,
-38.3696

 93.8100, -28.9933,
-34.0364

 98.2820, -24.7890,
-29.1883

 102.6400,
-21.0215, -24.2403

 106.8130,
-16.6698, -20.0070

■ 111.1710,
-12.9023, -15.0590

■ 115.6430, -8.6980,
-10.2109

■ 119.7020, -4.7831,
-5.8777

■ 124.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



99.2100, -48.9105, 7.7088



85.2790, -37.1125, -43.2177



85.4470, -5.1504, -74.9370

Triad

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



85.2790, -37.1125, -43.2177



96.7110, 58.3165, -84.8155



94.1660, -4.5188, 96.3244

Complementary

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



85.2790, -37.1125, -43.2177



49.7210, 37.1125, 43.2177

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.



101.2450, 19.1062, 78.7151



85.2790, -37.1125, -43.2177



86.9600, 64.1097, -76.2639

Square

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



85.2790, -37.1125, -43.2177



97.8730, 42.4606, -85.8346



110.6650, 38.6192, 26.6038



99.7870, -33.4190, 79.1168

Rectangle

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



85.2790, -37.1125, -43.2177



90.4800, 11.5954, -79.3510



110.6650, 38.6192, 26.6038



94.7450, 4.0697, 94.9396

Sweetspot

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



85.2790, -37.1125, -43.2177



147.4050, -14.4967, -17.0182



96.0410, -42.4182, 25.3970



72.2300, -8.9874, -10.7257



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



85.2790, -37.1125, -43.2177



106.7440, -52.6248, -61.1655



81.0390, -19.7392, -62.3012



61.7070, -2.3206, -2.3740



83.8070, -41.3169, -48.0657



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.7210, 37.1125, 43.2177



56.2560, 52.6248, 61.1655



53.9610, 19.7392, 62.3012



59.2930, 2.3206, 2.3740



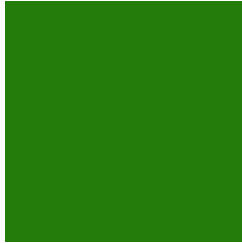
44.1930, 41.3169, 48.0657



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.2790, -37.1125, -43.2177 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 85.2790, -37.1125, -43.2177

Background



This preview shows how black text looks on a background with the YUV color 85.2790, -37.1125, -43.2177.



This preview shows how white text looks on a background with the YUV color 85.2790, -37.1125, -43.2177.

-43.2177.

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

85.2790, -37.1125, -43.2177

Protanopia

99.8740, -49.2379, 19.4045

Deuteranopia

103.4310, -37.1875, 27.6860



Tritanopia

100.9940, 12.3280, -34.1977

Trichromacy



Original Color

85.2790, -37.1125, -43.2177

Protanomaly

94.5830, -44.6574, -3.1423

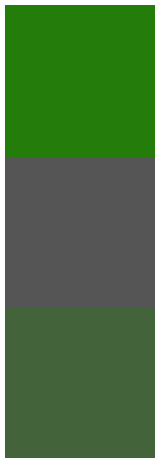
Deuteranomaly

96.5650, -37.2535, 2.1355

Tritanomaly

95.2760, -5.5591, -37.0761

Monochromacy



Original Color

85.2790, -37.1125, -43.2177

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3450, -13.4811, -16.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2790, -37.1125, -43.2177 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(36, 125, 10)` looks like.

```
.text, #text, p{  
    color:rgb(36, 125, 10)  
}
```

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(36, 125, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 125, 10) }
```

Border

The CSS property to change the border of an element to YUV 85.2790, -37.1125, -43.2177 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(36, 125, 10) }
```


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

```
.border{ border-color:rgb(36, 125, 10) }
```

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

Here you see how a box with a 4 pixel rgb(36, 125, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 125, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 125, 10);  
box-shadow:4px 4px 4px 4px rgb(36, 125,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 85.2790, -37.1125, -43.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 125, 10) }
```

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

```
.background{ background-color: rgb(36, 125,  
10) }
```

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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