

Converting Colors

YUV(85.5200, -35.7524,
-12.7340)

Have a look what the booklet for
YUV(85.5200, -35.7524, -12.7340)
contains.

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Color

**YUV(85.5200, -35.7524,
-12.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	476B0D
RGB	71, 107, 13
RGB Percent	28%, 42%, 5%
CMY	0.7216, 0.5804, 0.9490
CMYK	0.34, 0.00, 0.88, 0.58
HSL	83°, 78%, 24%
HSV	83°, 88%, 42%
XYZ	7.9289, 11.8840, 2.2567
YIQ	85.5200, 8.7180, -36.8660

Conversions

Conversions Part 2

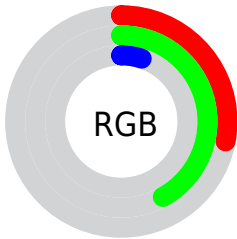
Format	Color
RYB	13, 107, 49
Decimal	4680461
CIELab	41.03, -27.35, 43.39
CIELCh	41, 51.294, 122.226
Yxy	11.8840, 0.3593, 0.5385
Android (android.graphics.Color)	4282870541 (0xFF476B0D)
YUV	85.5200, -35.7524, -12.7340
Hunter-Lab	34.4732, -19.2730, 20.2500

Details

The YUV color **85.5200, -35.7524, -12.7340** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34.4800, 35.7524, 12.7340**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6340, -35.3156, -12.8340**, and **40.6130, -20.0222, -18.0776** is the 20% darker color. If you saturate the color by 10%, you get **83.0700, -39.9675, -14.0934**, and if you desaturate by 10%, it is **87.9700, -31.5372, -11.3747**.

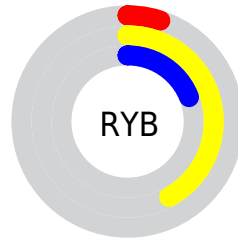
Distribution



Red (28%)

Green (42%)

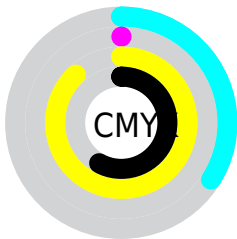
Blue (5%)



Red (5%)

Yellow (42%)

Blue (19%)

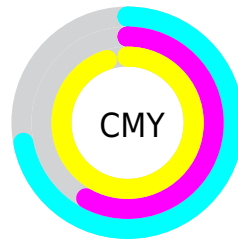


Cyan (34%)

Magenta (0%)

Yellow (88%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5200, -35.7524, -12.7340 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 85.5200, -35.7524, -12.7340 by changing the saturation by 10% instead.

■ 85.5200, -35.7524,
-12.7340

■ 85.5200, -35.7524,
-12.7340

255.0000, 0.0000,
0.0000

■ 62.4750, -30.8002,
-14.4486

■ 137.6340,
-35.3156, -12.8340

■ 40.6130, -20.0222,
-18.0776

■ 164.5200,
-35.7524, -12.7340

■ 22.3060, -10.9969,
-19.5624

■ 191.7050,
-36.3366, -12.0193

■ 4.1090, -2.0257,
-3.6036


■ 220.0640,
-37.4996, -12.3341


■ 0.0000, 0.0000,
0.0000


■ 239.4440,
-33.7429, -3.8974


■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 85.5200, -35.7524,
-12.7340


 85.5200, -35.7524,
-12.7340


 83.0700, -39.9675,
-14.0934


 87.9700, -31.5372,
-11.3747

 82.5430, -40.6937,
-14.5082

 90.3060, -27.7589,
-9.9154

 92.7560, -23.5437,
-8.5560

 95.2060, -19.3286,
-7.1967

 97.5420, -15.5502,
-5.7373

■ 100.2910,
-11.4825, -3.7632

■ 102.7410, -7.2673,
-2.4039

■ 105.1910, -3.0522,
-1.0445

■ 107.5270, 0.7262,
0.4148

Harmonies

Analogous

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



90.4380, -44.5859, 20.6639



85.5200, -35.7524, -12.7340



72.6010, -8.6773, -63.6711

Triad

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



85.5200, -35.7524, -12.7340



84.6510, 42.5701, -74.2389



92.1840, 1.3883, 68.2446

Complementary

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



85.5200, -35.7524, -12.7340



34.4800, 35.7524, 12.7340

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.



97.7370, 19.3567, 44.9577



85.5200, -35.7524, -12.7340



79.9210, 49.8319, -70.0907

Square

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



85.5200, -35.7524, -12.7340



83.5790, 28.3086, -73.2988



98.3600, 34.3325, 1.4383



92.1950, -18.8301, 66.4810

Rectangle

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



85.5200, -35.7524, -12.7340



77.0810, 3.4111, -67.6000



98.3600, 34.3325, 1.4383



93.8720, 7.9511, 63.2563

Sweetspot

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



85.5200, -35.7524, -12.7340



131.7100, -13.6610, -5.0077



61.0640, -23.6956, 40.2859



66.1000, -8.4303, -2.7187



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



85.5200, -35.7524, -12.7340



108.1930, -53.3391, -18.5863



72.0650, -29.1190, -40.3990



52.4190, -2.1786, -1.2445



90.2070, -44.4721, -15.9675



188.9640, -93.1593, -33.2944

Inverse Universe

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



34.4800, 35.7524, 12.7340



32.1060, 53.1917, 19.2010



47.9350, 29.1190, 40.3990



49.2820, 2.3260, 0.6297



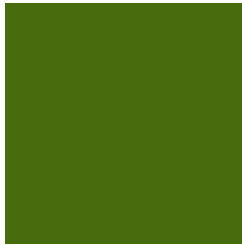
26.7930, 44.4721, 15.9675



56.0360, 93.1593, 33.2944

Previews

White Background



This preview shows how the YUV color 85.5200, -35.7524, -12.7340 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 85.5200, -35.7524, -12.7340 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 85.5200, -35.7524, -12.7340

Background



This preview shows how black text looks on a background with the YUV color 85.5200, -35.7524, -12.7340.



This preview shows how white text looks on a background with the YUV color 85.5200, -35.7524,

-12.7340.

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

85.5200, -35.7524, -12.7340

Protanopia

90.5560, -40.2071, 16.1754

Deuteranopia

92.9190, -33.9771, 24.6270



Tritanopia

95.4160, 5.7109, -11.7658

Trichromacy



Original Color

85.5200, -35.7524, -12.7340

Protanomaly

88.8320, -38.8642, 5.4093

Deuteranomaly

90.0160, -34.5179, 11.3870

Tritanomaly

92.1050, -9.4188, -12.3701

Monochromacy



Original Color

85.5200, -35.7524, -12.7340

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1230, -13.3716, -4.4929

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5200, -35.7524, -12.7340 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(71, 107, 13)` looks like.

```
.text, #text, p{  
    color:rgb(71, 107, 13)  
}
```

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(71, 107, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 107, 13) }
```

Border

The CSS property to change the border of an element to YUV 85.5200, -35.7524, -12.7340 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(71, 107, 13) }
```


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

```
.border{ border-color:rgb(71, 107, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 107, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 107, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 107, 13);  
box-shadow:4px 4px 4px 4px rgb(71, 107,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 85.5200, -35.7524, -12.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 107, 13) }
```

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

```
.background{ background-color: rgb(71, 107,  
13) }
```

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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