

Converting Colors

YUV(35.8190, -12.2358, 4.5437)

Have a look what the booklet for
YUV(35.8190, -12.2358, 4.5437)
contains.

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Color

**YUV(35.8190, -12.2358,
4.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	29260B
RGB	41, 38, 11
RGB Percent	16%, 15%, 4%
CMY	0.8392, 0.8510, 0.9569
CMYK	0.00, 0.07, 0.73, 0.84
HSL	54°, 58%, 10%
HSV	54°, 73%, 16%
XYZ	1.6680, 1.8818, 0.5919
YIQ	35.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

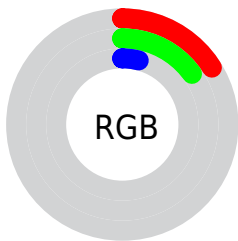
Format	Color
RYB	14, 41, 11
Decimal	2696715
CIELab	14.85, -3.06, 17.14
CIELCh	15, 17.415, 100.119
Yxy	1.8818, 0.4027, 0.4544
Android (android.graphics.Color)	4280886795 (0xFF29260B)
YUV	35.8190, -12.2358, 4.5437
Hunter-Lab	13.7179, -2.3024, 7.0442

Details

The YUV color **35.8190, -12.2358, 4.5437** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.1810, 12.2358, -4.5437**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0040, -12.8200, 5.2585**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.3630, -13.9830, 4.9436**, and if you desaturate by 10%, it is **36.2750, -10.4886, 4.1438**.

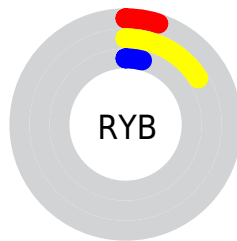
Distribution



Red (16%)

Green (15%)

Blue (4%)



Red (5%)

Yellow (16%)

Blue (4%)

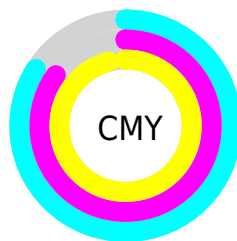


Cyan (0%)

Magenta (7%)

Yellow (73%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8190, -12.2358, 4.5437 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 35.8190, -12.2358, 4.5437 by changing the saturation by 10% instead.

■ 35.8190, -12.2358,
4.5437

■ 35.8190, -12.2358,
4.5437

■ 252.7200, -8.7360,
1.9996

■ 15.9480, -7.8624,
1.7996

■ 81.0040, -12.8200,
5.2585

■ 0.0000, 0.0000,
0.0000

■ 105.1890,
-13.4042, 5.9732


■ 130.0750,
-13.8410, 6.0732


■ 156.2600,
-14.4252, 6.7880


■ 183.1460,
-14.8620, 6.8880


■ 211.0320,


-15.2988, 6.9879


 239.2170,
-15.8830, 7.7027


 35.8190, -12.2358,
4.5437


 35.8190, -12.2358,
4.5437


 35.3630, -13.9830,
4.9436


 36.2750, -10.4886,
4.1438


 34.3200, -15.4408,
5.8584

 37.3180, -9.0308,
3.2291

 33.9780, -16.7512,
6.1583

 37.7740, -7.2836,
2.8292

 38.8170, -5.8258,
1.9145

 39.2730, -4.0786,
1.5146

■ 39.8430, -1.8946,
1.0147

■ 40.8860, -0.4368,
0.1000

■ 41.3420, 1.3104,
-0.2999

■ 42.3850, 2.7682,
-1.2146

Harmonies

Analogous

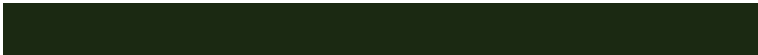
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.9880, -11.8261, 13.1655



35.8190, -12.2358, 4.5437



34.1920, -7.9827, -6.3074

Triad

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



35.8190, -12.2358, 4.5437



31.2830, 10.7065, -27.4352



38.4240, 3.7350, 15.4142

Complementary

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



35.8190, -12.2358, 4.5437



16.1810, 12.2358, -4.5437

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.



38.9110, 8.4249, 4.4631



35.8190, -12.2358, 4.5437



30.9070, 14.3428, -27.1054

Square

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



35.8190, -12.2358, 4.5437



30.5020, 5.1755, -26.7503



36.1480, 12.2520, -9.7768



37.6650, -1.8068, 19.5878

Rectangle

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



35.8190, -12.2358, 4.5437



33.1740, -4.0298, -14.1846



36.1480, 12.2520, -9.7768



39.1570, 5.3456, 12.1403

Sweetspot

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



35.8190, -12.2358, 4.5437



51.4580, -4.6628, 2.2293



20.3120, -3.1118, 18.1434



26.6150, -2.7682, 1.2146



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



35.8190, -12.2358, 4.5437



45.5930, -19.5193, 7.3729



33.9920, -11.3351, -4.3780



19.7720, -0.8736, 0.2000



69.7280, -34.3759, 12.5165



174.9180, -86.2346, 32.5209

Inverse Universe

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



16.1810, 12.2358, -4.5437



14.4070, 19.5193, -7.3729



18.0080, 11.3351, 4.3780



18.8150, 0.5842, -0.7148



14.2720, 34.3759, -12.5165



36.4950, 86.5240, -32.0061

Previews

White Background



This preview shows how the YUV color 35.8190, -12.2358, 4.5437 looks on a white background.

Color Contrast Check

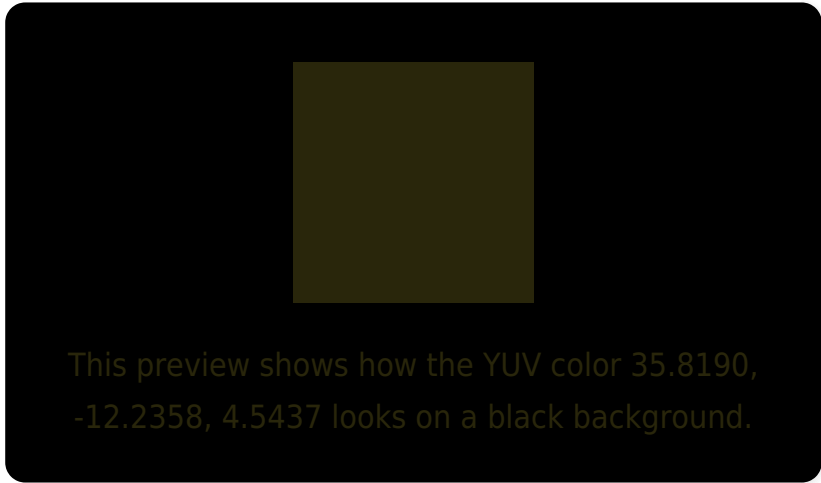
Large Text (above 18pt) WCAG AA ✓ Pass

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

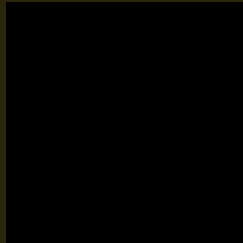
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

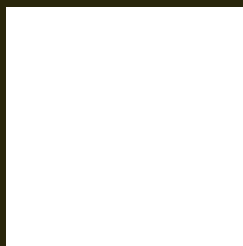
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 35.8190, -12.2358, 4.5437

Background



This preview shows how black text looks on a background with the YUV color 35.8190, -12.2358, 4.5437.



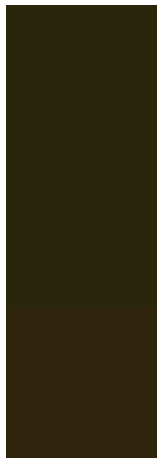
This preview shows how white text looks on a background with the YUV color 35.8190, -12.2358,

4.5437.

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

35.8190, -12.2358, 4.5437

Protanopia

36.1180, -12.3832, 5.1585

Deuteranopia

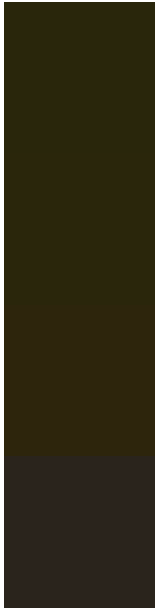
36.5530, -12.1046, 9.1620



Tritanopia

37.7340, 0.1311, 4.6183

Trichromacy



Original Color

35.8190, -12.2358, 4.5437

Protanomaly

36.1180, -12.3832, 5.1585

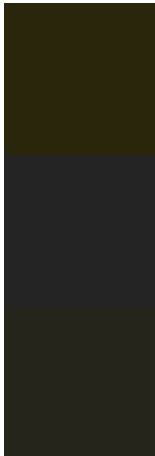
Deuteranomaly

36.5420, -12.0992, 7.4177

Tritanomaly

36.8820, -4.3788, 4.4885

Monochromacy



Original Color

35.8190, -12.2358, 4.5437

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1590, -4.5154, 1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8190, -12.2358, 4.5437 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(41, 38, 11)` looks like.

```
.text, #text, p{  
    color:rgb(41, 38, 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(41, 38, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 38, 11) }
```

Border

The CSS property to change the border of an element to YUV 35.8190, -12.2358, 4.5437 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(41, 38, 11) }
```


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

```
.border{ border-color:rgb(41, 38, 11) }
```

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

Here you see how a box with a 4 pixel rgb(41, 38, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 38, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 38, 11);  
box-shadow:4px 4px 4px 4px rgb(41, 38, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.8190, -12.2358, 4.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 38, 11) }
```

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

```
.background{ background-color: rgb(41, 38,  
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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