

Converting Colors

YUV(35.6440, -10.1775, -2.3188)

Have a look what the booklet for
YUV(35.6440, -10.1775, -2.3188)
contains.

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Color

**YUV(35.6440, -10.1775,
-2.3188)**

Conversions

Conversions Part 1

Format	Color
Hex	21290F
RGB	33, 41, 15
RGB Percent	13%, 16%, 6%
CMY	0.8706, 0.8392, 0.9412
CMYK	0.20, 0.00, 0.63, 0.84
HSL	78°, 46%, 11%
HSV	78°, 63%, 16%
XYZ	1.5064, 1.9437, 0.7477
YIQ	35.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

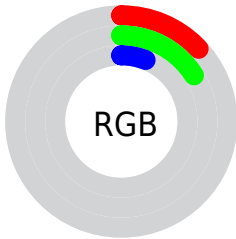
Format	Color
RYB	15, 41, 23
Decimal	2173199
CIELab	15.19, -8.84, 15.49
CIELCh	15, 17.838, 119.713
Yxy	1.9437, 0.3588, 0.4630
Android (android.graphics.Color)	4280363279 (0xFF21290F)
YUV	35.6440, -10.1775, -2.3188
Hunter-Lab	13.9417, -5.1114, 6.5793

Details

The YUV color **35.6440, -10.1775, -2.3188** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.3560, 10.1775, 2.3188**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.4160, -11.0511, -2.1188**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.8890, -11.7773, -2.5337**, and if you desaturate by 10%, it is **36.3990, -8.5777, -2.1039**.

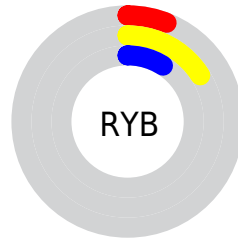
Distribution



Red (13%)

Green (16%)

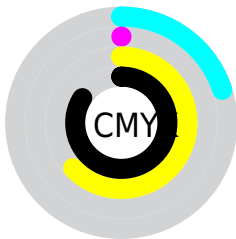
Blue (6%)



Red (6%)

Yellow (16%)

Blue (9%)

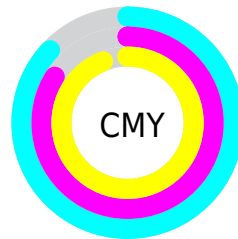


Cyan (20%)

Magenta (0%)

Yellow (63%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6440, -10.1775, -2.3188 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 35.6440, -10.1775, -2.3188 by changing the saturation by 10% instead.

■ 35.6440, -10.1775,
-2.3188

■ 35.6440, -10.1775,
-2.3188

■ 253.1760, -6.9888,
1.5996

■ 14.1210, -6.9617,
-7.1221

■ 80.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,
0.0000

■ 104.3020,
-11.4879, -2.0189


■ 129.7750,
-12.2141, -2.4337


■ 155.6610,
-12.6509, -2.3337


■ 182.5470,
-13.0877, -2.2337


■ 210.4330,


-13.5245, -2.1337


 238.4330,
-13.5245, -2.1337


 35.6440, -10.1775,
-2.3188


 35.6440, -10.1775,
-2.3188


 34.8890, -11.7773,
-2.5337


 36.3990, -8.5777,
-2.1039


 33.8350, -13.2297,
-3.3633


 37.4530, -7.1253,
-1.2743

 33.0800, -14.8294,
-3.5782

 38.2080, -5.5255,
-1.0594

 32.4390, -15.9924,
-3.8930

 38.9630, -3.9258,
-0.8446

 39.7180, -2.3260,
-0.6297

■ 40.8860, -0.4368,
0.1000

■ 41.6410, 1.1630,
0.3148

■ 42.3960, 2.7628,
0.5297

■ 43.1510, 4.3626,
0.7446

Harmonies

Analogous

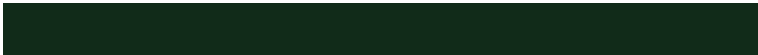
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.7270, -12.6834, 8.1324



35.6440, -10.1775, -2.3188



33.1740, -4.0298, -14.1846

Triad

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



35.6440, -10.1775, -2.3188



32.0810, 13.7641, -28.1350



39.1210, -0.0597, 19.1879

Complementary

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



35.6440, -10.1775, -2.3188



20.3560, 10.1775, 2.3188

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.



39.2710, 5.7824, 12.0403



35.6440, -10.1775, -2.3188



34.5600, 14.0209, -17.1541

Square

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



35.6440, -10.1775, -2.3188



31.5280, 9.1067, -27.6501



39.0460, 10.3303, -0.0403



38.2260, -6.0274, 19.9728

Rectangle

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



35.6440, -10.1775, -2.3188



30.1880, 1.3863, -24.7209



39.0460, 10.3303, -0.0403



38.9790, 1.9824, 17.5584

Sweetspot

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



35.6440, -10.1775, -2.3188



51.5500, -4.2151, -1.3593



27.4700, -6.1477, 11.8658



26.7180, -2.3260, -0.6297



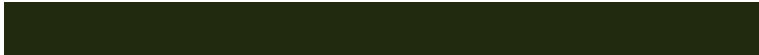
156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

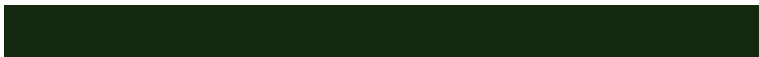
The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6440, -10.1775, -2.3188



45.4390, -15.9924, -3.8930



31.7570, -8.2612, -10.3109



19.7720, -0.8736, 0.2000



66.6500, -32.8585, -7.5861



168.3970, -83.0197, -18.7652

Inverse Universe

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



20.3560, 10.1775, 2.3188



21.2620, 16.1398, 3.2782



24.2430, 8.2612, 10.3109



18.5270, 0.7262, 0.4148



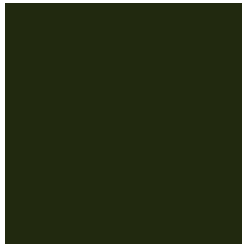
17.3500, 32.8585, 7.5860



43.6030, 83.0197, 18.7652

Previews

White Background



This preview shows how the YUV color 35.6440, -10.1775, -2.3188 looks on a white background.

Color Contrast Check

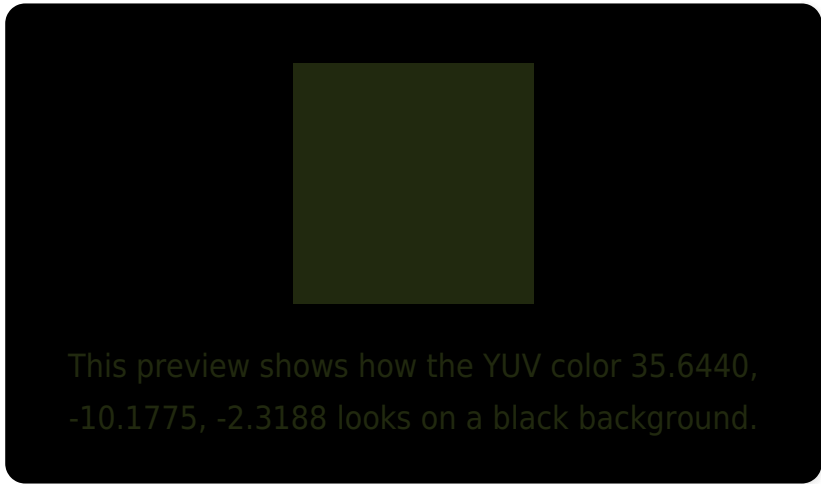
Large Text (above 18pt) WCAG AA ✓ Pass

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

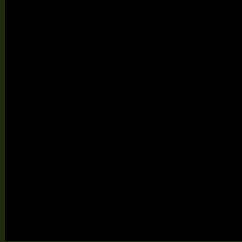
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

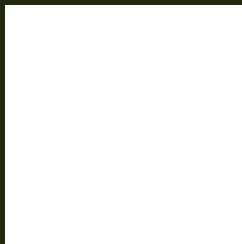
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 35.6440, -10.1775, -2.3188

Background



This preview shows how black text looks on a background with the YUV color 35.6440, -10.1775, -2.3188.



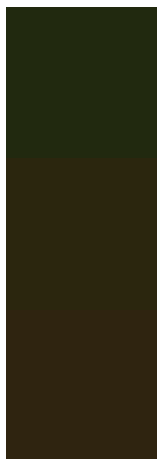
This preview shows how white text looks on a background with the YUV color 35.6440, -10.1775,

-2.3188.

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

35.6440, -10.1775, -2.3188

Protanopia

36.7590, -11.2202, 5.4734

Deuteranopia

37.0090, -10.3574, 8.7621



Tritanopia

37.7440, 1.6052, -1.5295

Trichromacy



Original Color

35.6440, -10.1775, -2.3188

Protanomaly

36.1500, -10.9199, 2.4995

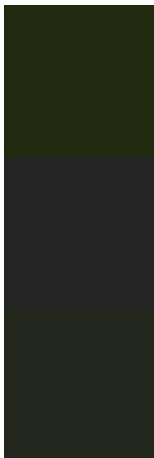
Deuteranomaly

36.6880, -10.1992, 4.6586

Tritanomaly

37.0060, -2.4680, -1.7593

Monochromacy



Original Color

35.6440, -10.1775, -2.3188

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6440, -10.1775, -2.3188 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(33, 41, 15)` looks like.

```
.text, #text, p{  
    color:rgb(33, 41, 15)  
}
```

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(33, 41, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 41, 15) }
```

Border

The CSS property to change the border of an element to YUV 35.6440, -10.1775, -2.3188 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(33, 41, 15) }
```


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

```
.border{ border-color:rgb(33, 41, 15) }
```

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

Here you see how a box with a 4 pixel rgb(33, 41, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 41, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 41, 15);  
box-shadow:4px 4px 4px 4px rgb(33, 41, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.6440, -10.1775, -2.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 41, 15) }
```

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

```
.background{ background-color: rgb(33, 41,  
15) }
```

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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