

Converting Colors

YUV(30.5780, -6.6940, 0.3701)

Have a look what the booklet for
YUV(30.5780, -6.6940, 0.3701)
contains.

YUV(30.5780, -6.6940, 0.3701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(30.5780, -6.6940,
0.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2111
RGB	31, 33, 17
RGB Percent	12%, 13%, 7%
CMY	0.8784, 0.8706, 0.9333
CMYK	0.06, 0.00, 0.48, 0.87
HSL	68°, 32%, 10%
HSV	68°, 48%, 13%
XYZ	1.2101, 1.4195, 0.7405
YIQ	30.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

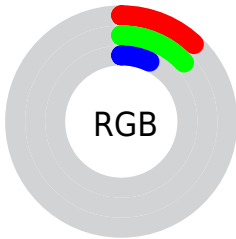
Format	Color
RYB	17, 33, 19
Decimal	2040081
CIELab	12.09, -4.31, 10.25
CIELCh	12, 11.117, 112.819
Yxy	1.4195, 0.3591, 0.4212
Android (android.graphics.Color)	4280230161 (0xFF1F2111)
YUV	30.5780, -6.6940, 0.3701
Hunter-Lab	11.9142, -2.7200, 4.6548

Details

The YUV color **30.5780, -6.6940, 0.3701** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4220, 6.6940, -0.3701**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3500, -7.5675, 0.5701**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.2360, -8.0043, 0.6700**, and if you desaturate by 10%, it is **30.9200, -5.3836, 0.0702**.

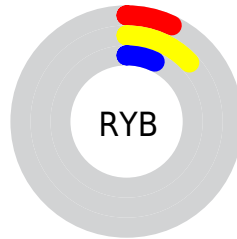
Distribution



Red (12%)

Green (13%)

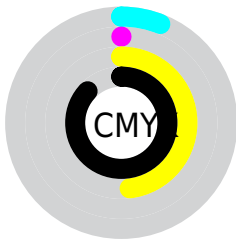
Blue (7%)



Red (7%)

Yellow (13%)

Blue (7%)

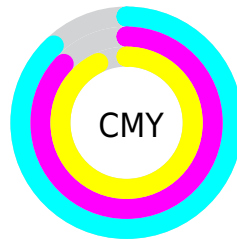


Cyan (6%)

Magenta (0%)

Yellow (48%)

Black (87%)



Cyan (88%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5780, -6.6940, 0.3701 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 30.5780, -6.6940, 0.3701 by changing the saturation by 10% instead.

■ 30.5780, -6.6940,
0.3701

■ 30.5780, -6.6940,
0.3701

■ 253.4040, -6.1152,
1.3997

■ 6.7560, -3.3307,
-5.0480

■ 74.3500, -7.5675,
0.5701

■ 0.0000, 0.0000,
0.0000

■ 98.2360, -8.0043,
0.6700

■ 123.2360, -8.0043,
0.6700

■ 149.1220, -8.4411,
0.7700

■ 175.4210, -8.5886,
1.3848

■ 203.0080, -8.8779,

0.8700

■ 231.0080, -8.8779,
0.8700

■ 30.5780, -6.6940,
0.3701

■ 30.5780, -6.6940,
0.3701

■ 30.2360, -8.0043,
0.6700

■ 30.9200, -5.3836,
0.0702

■ 29.4810, -9.6041,
0.4552

■ 31.6750, -3.7838,
0.2850

■ 29.1390, -10.9145,
0.7551

■ 32.0170, -2.4734,
-0.0149

■ 28.4980, -12.0775,
0.4403

■ 32.6580, -1.3104,
0.2999

■ 28.0420, -13.8247,
0.8402

■ 33.1140, 0.4368,
-0.1000

■ 33.4560, 1.7472,
-0.3999

■ 34.0970, 2.9102,
-0.0851

■ 34.4390, 4.2206,
-0.3850

■ 35.1940, 5.8204,
-0.1701

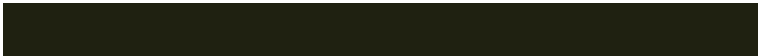
Harmonies

Analogous

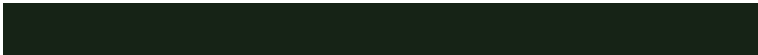
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.6820, -7.7312, 6.4179



30.5780, -6.6940, 0.3701



29.6310, -3.7621, -6.6924

Triad

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



30.5780, -6.6940, 0.3701



27.6540, 8.0586, -18.1136



32.5930, 0.6937, 10.8809

Complementary

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



30.5780, -6.6940, 0.3701



19.4220, 6.6940, -0.3701

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.



33.0700, 3.9095, 6.0776



30.5780, -6.6940, 0.3701



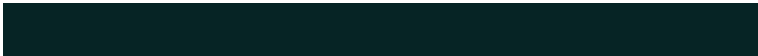
30.1110, 8.3263, -10.6213

Square

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



30.5780, -6.6940, 0.3701



27.1440, 4.8590, -18.5433



31.8240, 6.9888, -1.5996



32.2790, -3.0955, 12.9103

Rectangle

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



30.5780, -6.6940, 0.3701



28.4070, -0.6937, -10.8809



31.8240, 6.9888, -1.5996



32.5220, 1.7147, 10.0662

Sweetspot

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



30.5780, -6.6940, 0.3701



42.3160, -2.6208, 0.5999



22.9580, -2.9373, 8.8068



22.2450, -1.5998, -0.2149



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



30.5780, -6.6940, 0.3701



39.2530, -10.4777, 0.6551



28.1860, -5.5147, -4.5481



14.8860, -0.4368, 0.1000



67.0040, -33.0330, 1.7505



175.6280, -86.5846, 4.7112

Inverse Universe

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



19.4220, 6.6940, -0.3701



21.7470, 10.4777, -0.6551



21.8140, 5.5147, 4.5481



14.1140, 0.4368, -0.1000



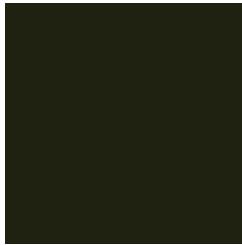
11.9960, 33.0330, -1.7505



31.3720, 86.5846, -4.7112

Previews

White Background



This preview shows how the YUV color 30.5780, -6.6940, 0.3701 looks on a white background.

Color Contrast Check

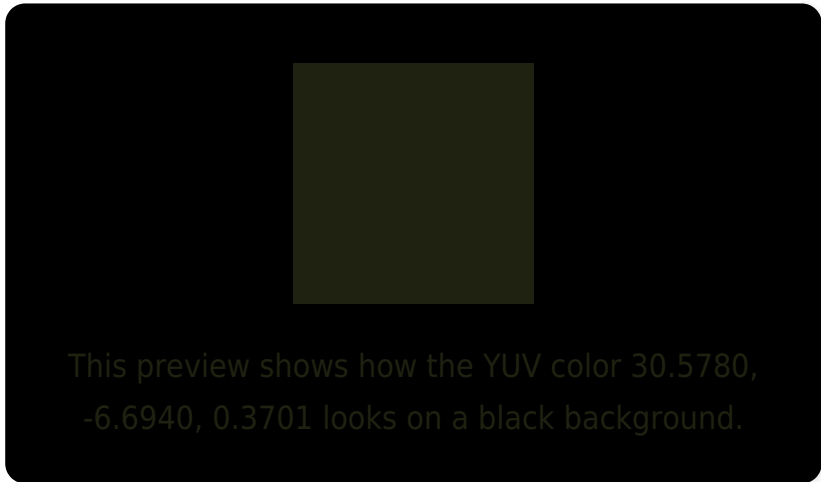
Large Text (above 18pt) WCAG AA ✓ Pass

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

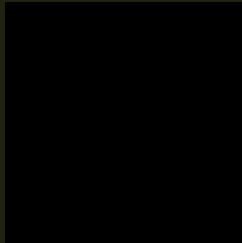
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

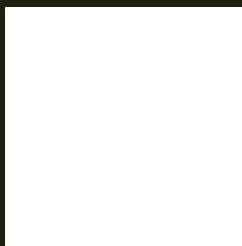
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 30.5780, -6.6940, 0.3701

Background



This preview shows how black text looks on a background with the YUV color 30.5780, -6.6940, 0.3701.



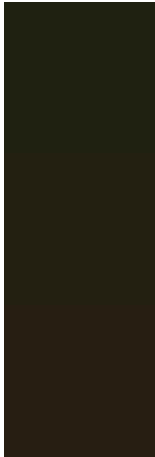
This preview shows how white text looks on a background with the YUV color 30.5780, -6.6940,

0.3701.

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

30.5780, -6.6940, 0.3701

Protanopia

31.1870, -6.9942, 3.3440

Deuteranopia

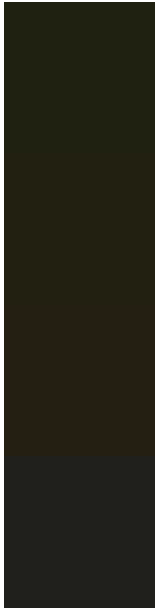
31.3230, -6.5682, 6.7327



Tritanopia

31.9400, 1.0156, 0.9296

Trichromacy



Original Color

30.5780, -6.6940, 0.3701

Protanomaly

30.8880, -6.8468, 2.7292

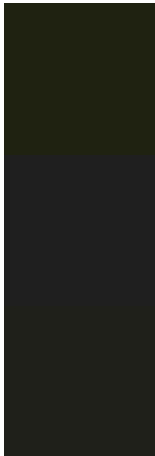
Deuteranomaly

31.0130, -6.4154, 4.3736

Tritanomaly

31.5440, -1.7472, 0.3999

Monochromacy



Original Color

30.5780, -6.6940, 0.3701

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5780, -6.6940, 0.3701 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(31, 33, 17)` looks like.

```
.text, #text, p{  
    color:rgb(31, 33, 17)  
}
```

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(31, 33, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 33, 17) }
```

Border

The CSS property to change the border of an element to YUV 30.5780, -6.6940, 0.3701 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(31, 33, 17) }
```


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

```
.border{ border-color:rgb(31, 33, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 33, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 33, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 33, 17);  
box-shadow:4px 4px 4px 4px rgb(31, 33, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.5780, -6.6940, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 33, 17) }
```

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

```
.background{ background-color: rgb(31, 33,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor