

Converting Colors

YUV(30.8480, -6.3341, -21.7917)

Have a look what the booklet for
YUV(30.8480, -6.3341, -21.7917)
contains.

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Color

**YUV(30.8480, -6.3341,
-21.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	062E12
RGB	6, 46, 18
RGB Percent	2%, 18%, 7%
CMY	0.9765, 0.8196, 0.9294
CMYK	0.87, 0.00, 0.61, 0.82
HSL	138°, 77%, 10%
HSV	138°, 87%, 18%
XYZ	1.1613, 2.0364, 0.9041
YIQ	30.8480, -14.8520, -17.1880

Conversions

Conversions Part 2

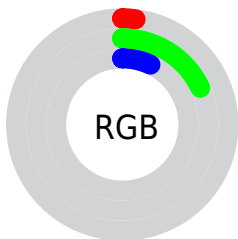
Format	Color
RYB	6, 37, 46
Decimal	405010
CIELab	15.68, -21.38, 14.10
CIELCh	16, 25.608, 146.599
Yxy	2.0364, 0.2831, 0.4965
Android (android.graphics.Color)	4278595090 (0xFF062E12)
YUV	30.8480, -6.3341, -21.7917
Hunter-Lab	14.2702, -10.4468, 6.2327

Details

The YUV color **30.8480, -6.3341, -21.7917** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.1520, 6.3341, 21.7917**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1040, -7.9393, -20.2622**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0110, -6.9074, -24.5656**, and if you desaturate by 10%, it is **32.6850, -5.7607, -19.0177**.

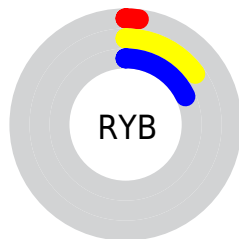
Distribution



Red (2%)

Green (18%)

Blue (7%)



Red (2%)

Yellow (15%)

Blue (18%)

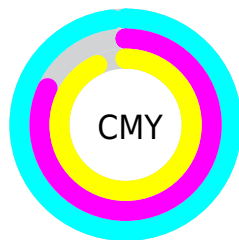


Cyan (87%)

Magenta (0%)

Yellow (61%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8480, -6.3341, -21.7917 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 30.8480, -6.3341, -21.7917 by changing the saturation by 10% instead.

■ 30.8480, -6.3341,
-21.7917

■ 30.8480, -6.3341,
-21.7917

■ 248.5490, -2.7357,
-9.2515

■ 15.8490, -7.8136,
-13.8996

■ 77.1040, -7.9393,
-20.2622

■ 0.0000, 0.0000,
0.0000

■ 101.5770, -8.6655,
-20.6770


■ 127.0500, -9.3916,
-21.0918


■ 153.3380, -9.5336,
-22.2214


■ 180.2240, -9.9704,
-22.1214


■ 207.8110,


-10.2598, -22.6362


 236.0990,
-10.4018, -23.7658


 30.8480, -6.3341,
-21.7917


 30.8480, -6.3341,
-21.7917


 29.0110, -6.9074,
-24.5656


 32.6850, -5.7607,
-19.0177

 28.5980, -7.1968,
-25.0804

 34.2230, -5.0399,
-16.8586

 36.1740, -4.0298,
-14.1846

 37.7120, -3.3090,
-12.0254

 39.5490, -2.7357,
-9.2515

■ 41.3860, -2.1623,
-6.4775

■ 43.0380, -1.0047,
-4.4183

■ 44.8750, -0.4314,
-1.6444

■ 46.4130, 0.2894,
0.5148

Harmonies

Analogous

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



35.1080, -17.3082, -1.8487



30.8480, -6.3341, -21.7917



31.6930, 2.1234, -27.7948

Triad

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



30.8480, -6.3341, -21.7917



33.2040, 20.6054, -29.1199



37.4660, -6.6387, 29.4093

Complementary

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



30.8480, -6.3341, -21.7917



21.1520, 6.3341, 21.7917

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.



38.6320, 1.6604, 27.5097



30.8480, -6.3341, -21.7917



39.2180, 16.1615, -3.6992

Square

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



30.8480, -6.3341, -21.7917



34.8680, 16.8271, -30.5792



40.2160, 9.2605, 16.4736



37.3160, -15.9318, 23.4019

Rectangle

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



30.8480, -6.3341, -21.7917



33.7620, 7.5123, -29.6093



40.2160, 9.2605, 16.4736



37.8620, -3.8760, 29.9390

Sweetspot

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



30.8480, -6.3341, -21.7917



52.9620, -2.4463, -8.7367



37.8520, -15.7030, -3.3782



27.2120, -1.5835, -5.4479



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



30.8480, -6.3341, -21.7917



36.6850, -9.2117, -32.1727



33.1280, 2.4019, -23.7913



22.1740, -0.5788, -1.0296



54.0330, -13.8203, -47.3869



132.9140, -33.9746, -116.5656

Inverse Universe

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



21.1520, 6.3341, 21.7917



22.3150, 9.2117, 32.1727



18.8720, -2.4019, 23.7913



21.7120, 0.1420, 1.1296



32.9670, 13.8203, 47.3869



81.0860, 33.9746, 116.5656

Previews

White Background



This preview shows how the YUV color 30.8480, -6.3341, -21.7917 looks on a white background.

Color Contrast Check

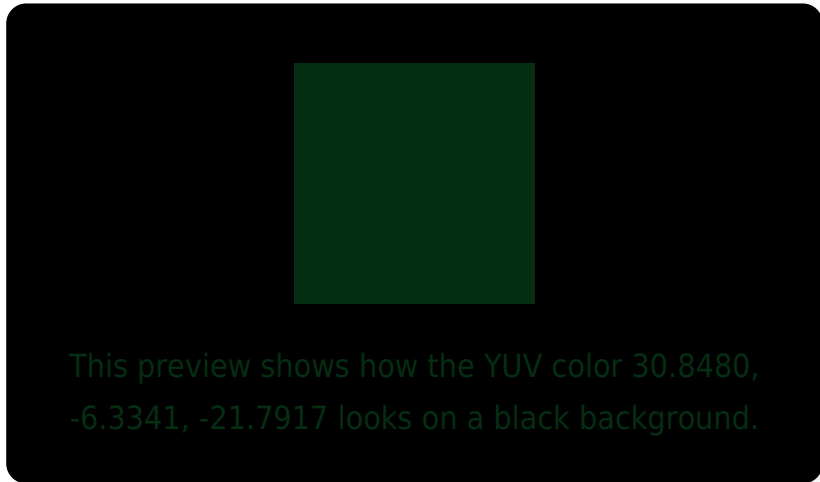
Large Text (above 18pt) WCAG AA ✓ Pass

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

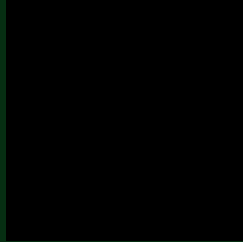
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8480, -6.3341, -21.7917

Background



This preview shows how black text looks on a background with the YUV color 30.8480, -6.3341, -21.7917.



This preview shows how white text looks on a background with the YUV color 30.8480, -6.3341,

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

30.8480, -6.3341, -21.7917

Protanopia

38.4600, -11.0728, 4.8586

Deuteranopia

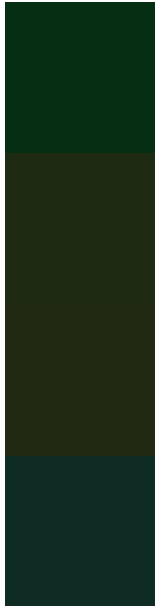
39.2370, -9.4838, 8.5622



Tritanopia

36.2800, 5.2850, -15.1546

Trichromacy



Original Color

30.8480, -6.3341, -21.7917

Protanomaly

35.5620, -9.1511, -4.8779

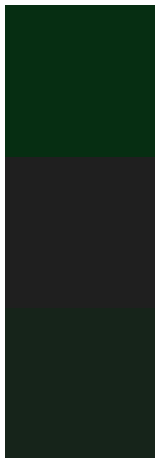
Deuteranomaly

36.1000, -8.4303, -2.7187

Tritanomaly

34.1180, 0.9278, -17.6435

Monochromacy



Original Color

30.8480, -6.3341, -21.7917

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.6740, -2.3043, -7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8480, -6.3341, -21.7917 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(6, 46, 18)` looks like.

```
.text, #text, p{  
    color:rgb(6, 46, 18)  
}
```

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(6, 46, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 46, 18) }
```

Border

The CSS property to change the border of an element to YUV 30.8480, -6.3341, -21.7917 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(6, 46, 18) }
```


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

```
.border{ border-color:rgb(6, 46, 18) }
```

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

Here you see how a box with a 4 pixel rgb(6, 46, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 46, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 46, 18); box-shadow:4px  
4px 4px 4px rgb(6, 46, 18) }
```

Background

The CSS property to change the background color of an element to YUV 30.8480, -6.3341, -21.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 46, 18) }
```

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

```
.background{ background-color: rgb(6, 46,  
18) }
```

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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