

Converting Colors

YUV(29.2380, -14.4143, 3.2993)

Have a look what the booklet for
YUV(29.2380, -14.4143, 3.2993)
contains.

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Color

**YUV(29.2380, -14.4143,
3.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	212100
RGB	33, 33, 0
RGB Percent	13%, 13%, 0%
CMY	0.8706, 0.8706, 1.0000
CMYK	0.00, 0.00, 1.00, 0.87
HSL	60°, 100%, 6%
HSV	60°, 100%, 13%
XYZ	1.1711, 1.4110, 0.2106
YIQ	29.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

Format	Color
RYB	0, 33, 0
Decimal	2171136
CIELab	12.03, -5.34, 17.73
CIELCh	12, 18.517, 106.763
Yxy	1.4110, 0.4193, 0.5053
Android (android.graphics.Color)	4280361216 (0xFF212100)
YUV	29.2380, -14.4143, 3.2993
Hunter-Lab	11.8787, -3.1905, 7.2638

Details

The YUV color **29.2380, -14.4143, 3.2993** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3.7620, 14.4143, -3.2993**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5800, -13.1039, 2.9993**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2380, -14.4143, 3.2993**, and if you desaturate by 10%, it is **29.5800, -13.1039, 2.9993**.

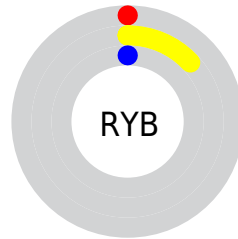
Distribution



Red (13%)

Green (13%)

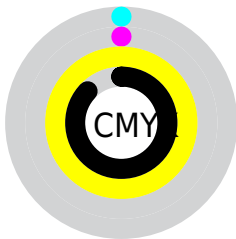
Blue (0%)



Red (0%)

Yellow (13%)

Blue (0%)

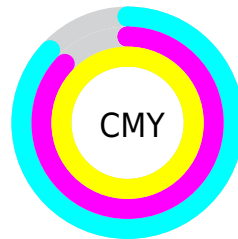


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.2380, -14.4143, 3.2993 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 29.2380, -14.4143, 3.2993 by changing the saturation by 10% instead.

■ 29.2380, -14.4143,
3.2993

■ 29.2380, -14.4143,
3.2993

■ 251.6940,
-12.6671, 2.8994

■ 6.4570, -3.1833,
-5.6628

■ 73.5800, -13.1039,
2.9993

■ 0.0000, 0.0000,
0.0000

■ 97.4660, -13.5407,
3.0993

■ 122.6510,
-14.1249, 3.8141


■ 148.4230,
-14.9985, 4.0140


■ 174.7220,
-15.1459, 4.6288


■ 202.3090,


-15.4353, 4.1140


 230.4940,
-16.0195, 4.8288


 29.2380, -14.4143,
3.2993

 29.5800, -13.1039,
2.9993

 30.0360, -11.3567,
2.5994

 30.3780, -10.0464,
2.2995

 30.7200, -8.7360,
1.9996

 31.1760, -6.9888,
1.5996

■ 31.5180, -5.6784,
1.2997

■ 31.8600, -4.3680,
0.9998

■ 32.2020, -3.0576,
0.6998

■ 32.6580, -1.3104,
0.2999

Harmonies

Analogous

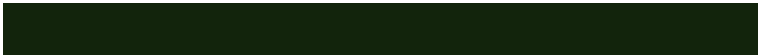
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.1790, -14.8782, 12.1210



29.2380, -14.4143, 3.2993



27.8820, -7.8298, -8.6665

Triad

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



29.2380, -14.4143, 3.2993



27.4190, 11.1324, -24.0465



32.2070, 2.8559, 17.3585

Complementary

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



29.2380, -14.4143, 3.2993



3.7620, 14.4143, -3.2993

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.



32.5200, 8.1246, 7.4370



29.2380, -14.4143, 3.2993



26.9290, 14.3320, -23.6167

Square

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



29.2380, -14.4143, 3.2993



26.6380, 5.6015, -23.3615



30.5720, 12.5360, -7.5176



31.6220, -3.2646, 20.5025

Rectangle

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



29.2380, -14.4143, 3.2993



25.3090, -2.1243, -18.6880



30.5720, 12.5360, -7.5176



32.3530, 4.7560, 14.5994

Sweetspot

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



29.2380, -14.4143, 3.2993



41.5180, -5.6784, 1.2997



9.8670, -4.8644, 20.2876



22.0880, -3.4944, 0.7998



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.



29.2380, -14.4143, 3.2993



38.0980, -18.7823, 4.2991



24.4540, -12.0558, -6.5372



14.8860, -0.4368, 0.1000



69.9940, -34.5070, 7.8983



183.4020, -90.4172, 20.6954

Inverse Universe

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



3.7620, 14.4143, -3.2993



4.9020, 18.7823, -4.2991



8.8450, 11.9084, 7.1519



14.1140, 0.4368, -0.1000



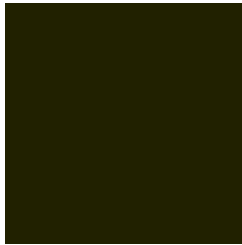
9.0060, 34.5070, -7.8983



23.5980, 90.4172, -20.6954

Previews

White Background



This preview shows how the YUV color 29.2380, -14.4143, 3.2993 looks on a white background.

Color Contrast Check

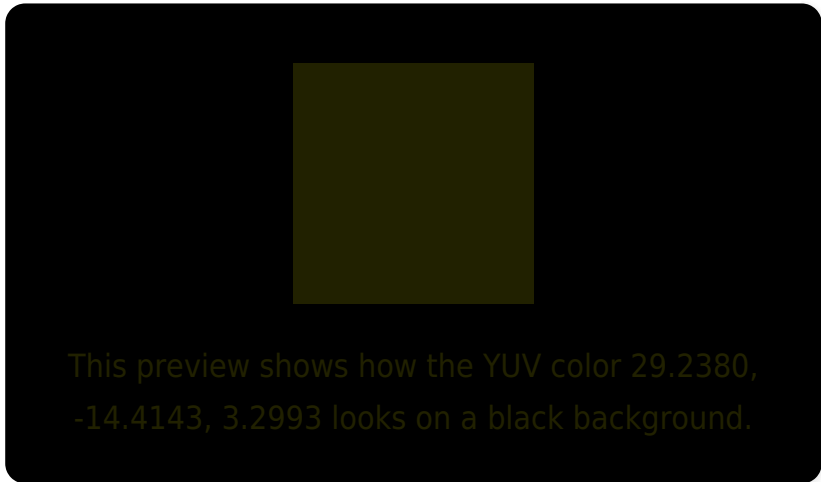
Large Text (above 18pt) WCAG AA ✓ Pass

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

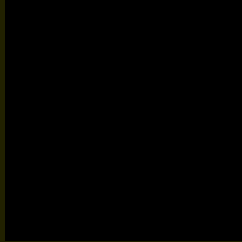
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.2380, -14.4143, 3.2993

Background



This preview shows how black text looks on a background with the YUV color 29.2380, -14.4143, 3.2993.

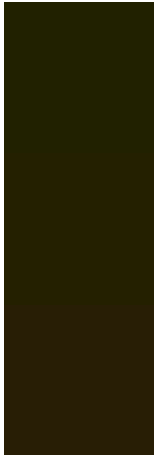


This preview shows how white text looks on a background with the YUV color 29.2380, -14.4143,

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

29.2380, -14.4143, 3.2993

Protanopia

29.5480, -14.5672, 5.6584

Deuteranopia

30.1400, -12.3940, 8.6472



Tritanopia

32.4240, 0.2840, 2.2592

Trichromacy



Original Color

29.2380, -14.4143, 3.2993

Protanomaly

29.2490, -14.4198, 5.0436

Deuteranomaly

29.6020, -13.1148, 6.4880

Tritanomaly

31.3440, -5.0996, 2.3293

Monochromacy



Original Color

29.2380, -14.4143, 3.2993

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2380, -14.4143, 3.2993 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, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(33, 33, 0)  
}
```

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, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 33, 0) }
```

Border

The CSS property to change the border of an element to YUV 29.2380, -14.4143, 3.2993 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, 33, 0) }
```


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

```
.border{ border-color:rgb(33, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 33, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 33, 0); box-shadow:4px  
4px 4px 4px rgb(33, 33, 0) }
```

Background

The CSS property to change the background color of an element to YUV 29.2380, -14.4143, 3.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 33, 0) }
```

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

```
.background{ background-color: rgb(33, 33,  
0) }
```

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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