

Converting Colors

YUV(33.1460, -5.0020, -29.0690)

Have a look what the booklet for
YUV(33.1460, -5.0020, -29.0690)
contains.

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Color

**YUV(33.1460, -5.0020,
-29.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	003417
RGB	0, 52, 23
RGB Percent	0%, 20%, 9%
CMY	1.0000, 0.7961, 0.9098
CMYK	1.00, 0.00, 0.56, 0.80
HSL	147°, 100%, 10%
HSV	147°, 100%, 20%
XYZ	1.3826, 2.5178, 1.2237
YIQ	33.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

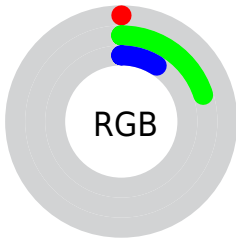
Format	Color
RYB	0, 36, 52
Decimal	13335
CIELab	18.00, -24.49, 13.82
CIELCh	18, 28.121, 150.565
Yxy	2.5178, 0.2698, 0.4914
Android (android.graphics.Color)	4278203415 (0xFF003417)
YUV	33.1460, -5.0020, -29.0690
Hunter-Lab	15.8677, -12.2148, 6.5349

Details

The YUV color **33.1460, -5.0020, -29.0690** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.8540, 5.0020, 29.0690**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8860, -7.3388, -26.2100**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.1460, -5.0020, -29.0690**, and if you desaturate by 10%, it is **34.9830, -4.4286, -26.2951**.

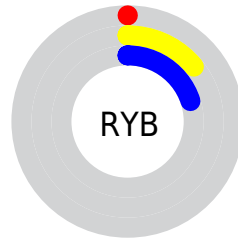
Distribution



Red (0%)

Green (20%)

Blue (9%)



Red (0%)

Yellow (14%)

Blue (20%)

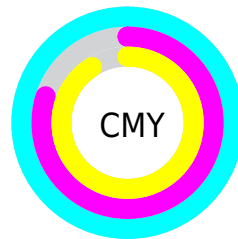


Cyan (100%)

Magenta (0%)

Yellow (56%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1460, -5.0020, -29.0690 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 33.1460, -5.0020, -29.0690 by changing the saturation by 10% instead.

■ 33.1460, -5.0020,
-29.0690

■ 33.1460, -5.0020,
-29.0690

■ 249.0480, 0.4693,
-10.5661

■ 18.7840, -9.2605,
-16.4736

■ 80.8860, -7.3388,
-26.2100

■ 0.0000, 0.0000,
0.0000

■ 105.7720, -7.7756,
-26.1100

■ 131.2450, -8.5018,
-26.5249

■ 157.8320, -8.7912,
-27.0397

■ 185.0060, -9.3700,
-28.0693

■ 213.0060, -9.3700,

-28.0693

■ 237.4840, -7.6336,
-24.9805

■ 33.1460, -5.0020,
-29.0690

■ 34.9830, -4.4286,
-26.2951

■ 36.8200, -3.8553,
-23.5211

■ 38.9560, -3.4293,
-20.1324

■ 40.7930, -2.8559,
-17.3585

■ 42.6300, -2.2826,
-14.5845

■ 44.3530, -2.1460,
-11.7106

■ 46.1900, -1.5727,
-8.9366

■ 48.3260, -1.1467,
-5.5479

■ 50.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



39.2710, -17.8816, -4.6227



33.1460, -5.0020, -29.0690



36.1270, 3.8814, -31.6834

Triad

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



33.1460, -5.0020, -29.0690



36.6920, 23.8158, -32.1789



42.3200, -8.5388, 32.1684

Complementary

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



33.1460, -5.0020, -29.0690



18.8540, 5.0020, 29.0690

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.



42.7250, 0.6286, 31.8132



33.1460, -5.0020, -29.0690



44.4680, 17.0243, -0.4104

Square

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



33.1460, -5.0020, -29.0690



38.9430, 19.7481, -34.1530



44.9500, 9.3917, 21.0919



42.0450, -18.2632, 24.5165

Rectangle

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



33.1460, -5.0020, -29.0690



38.3100, 9.7072, -33.5979



44.9500, 9.3917, 21.0919



42.1290, -5.4866, 33.2129

Sweetspot

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



33.1460, -5.0020, -29.0690



61.3530, -2.1460, -11.7106



39.1950, -19.3231, -8.9410



31.3150, -1.1413, -7.2923



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



33.1460, -5.0020, -29.0690



43.9230, -6.8640, -38.5205



36.1100, 6.3548, -31.6685



24.8750, -0.4314, -1.6444



56.6890, -8.7207, -49.7163



138.3230, -20.8652, -121.3093

Inverse Universe

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



18.8540, 5.0020, 29.0690



24.9630, 6.4272, 38.6204



15.8900, -6.3548, 31.6685



24.0110, -0.0054, 1.7444



32.3110, 8.7207, 49.7163



78.6770, 20.8652, 121.3093

Previews

White Background



This preview shows how the YUV color 33.1460, -5.0020, -29.0690 looks on a white background.

Color Contrast Check

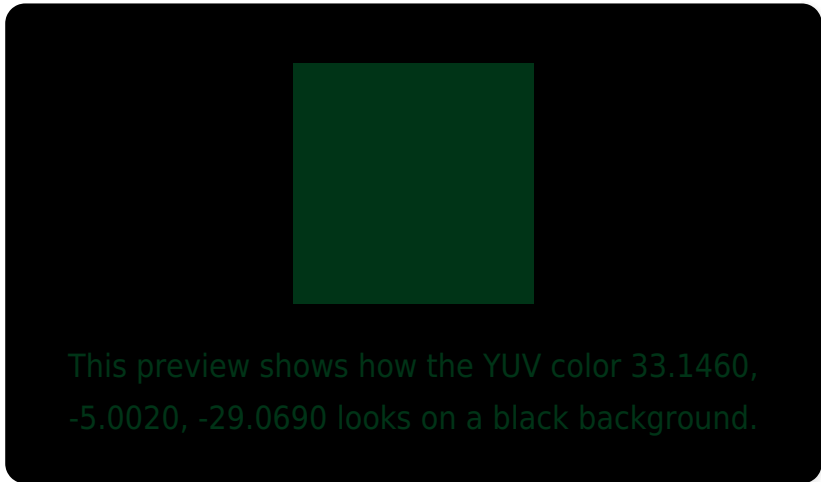
Large Text (above 18pt) WCAG AA ✓ Pass

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

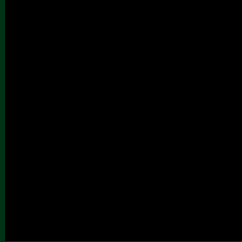
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.1460, -5.0020, -29.0690

Background



This preview shows how black text looks on a background with the YUV color 33.1460, -5.0020, -29.0690.



This preview shows how white text looks on a background with the YUV color 33.1460, -5.0020, -29.0690.

-29.0690.

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

33.1460, -5.0020, -29.0690

Protanopia

43.7590, -11.2202, 5.4734

Deuteranopia

44.6500, -9.1944, 9.0770



Tritanopia

40.7850, 6.0220, -18.2284

Trichromacy



Original Color

33.1460, -5.0020, -29.0690

Protanomaly

40.2520, -8.9982, -7.2370

Deuteranomaly

40.3170, -7.5513, -4.6630

Tritanomaly

38.0250, 1.9597, -21.9469

Monochromacy



Original Color

33.1460, -5.0020, -29.0690

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1460, -5.0020, -29.0690 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(0, 52, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 23)  
}
```

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(0, 52, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 23) }
```

Border

The CSS property to change the border of an element to YUV 33.1460, -5.0020, -29.0690 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(0, 52, 23) }
```


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

```
.border{ border-color:rgb(0, 52, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 52, 23); box-shadow:4px  
4px 4px 4px rgb(0, 52, 23) }
```

Background

The CSS property to change the background color of an element to YUV 33.1460, -5.0020, -29.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 23) }
```

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

```
.background{ background-color: rgb(0, 52,  
23) }
```

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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