

Converting Colors

YUV(31.4590, -9.5933, -3.0335)

Have a look what the booklet for
YUV(31.4590, -9.5933, -3.0335)
contains.

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Color

**YUV(31.4590, -9.5933,
-3.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	1C250C
RGB	28, 37, 12
RGB Percent	11%, 15%, 5%
CMY	0.8902, 0.8549, 0.9529
CMYK	0.24, 0.00, 0.68, 0.85
HSL	82°, 51%, 10%
HSV	82°, 68%, 15%
XYZ	1.2068, 1.5966, 0.5924
YIQ	31.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

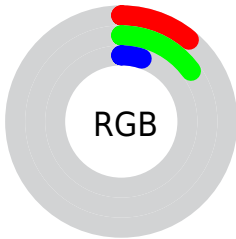
Format	Color
R_{YB}	12, 37, 21
Decimal	1844492
CIE Lab	13.21, -9.26, 14.30
CIE LCh	13, 17.035, 122.910
Yxy	1.5966, 0.3554, 0.4702
Android (android.graphics.Color)	4280034572 (0xFF1C250C)
YUV	31.4590, -9.5933, -3.0335
Hunter-Lab	12.6355, -5.0635, 6.0652

Details

The YUV color **31.4590, -9.5933, -3.0335** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17.5410, 9.5933, 3.0335**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9320, -10.3195, -3.4484**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.7040, -11.1931, -3.2484**, and if you desaturate by 10%, it is **32.2140, -7.9935, -2.8187**.

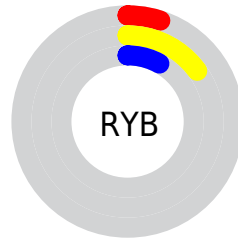
Distribution



Red (11%)

Green (15%)

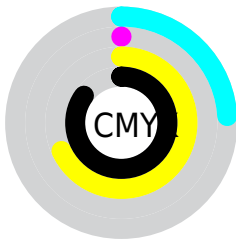
Blue (5%)



Red (5%)

Yellow (15%)

Blue (8%)

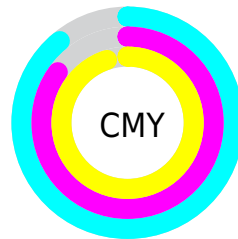


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4590, -9.5933, -3.0335 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 31.4590, -9.5933, -3.0335 by changing the saturation by 10% instead.

■ 31.4590, -9.5933,
-3.0335

■ 31.4590, -9.5933,
-3.0335

■ 252.8340, -8.2992,
1.8996

■ 9.9790, -4.9196,
-8.7516

■ 75.9320, -10.3195,
-3.4484

■ 0.0000, 0.0000,
0.0000

■ 99.8180, -10.7563,
-3.3484


■ 124.7040,
-11.1931, -3.2484


■ 150.2910,
-11.4825, -3.7632


■ 177.1770,
-11.9193, -3.6632


■ 205.0630,


-12.3561, -3.5633


 233.0630,
-12.3561, -3.5633


 31.4590, -9.5933,
-3.0335


 31.4590, -9.5933,
-3.0335


 30.7040, -11.1931,
-3.2484


 32.2140, -7.9935,
-2.8187


 29.7640, -12.2087,
-4.1780


 33.1540, -6.9779,
-1.8891

 29.0090, -13.8084,
-4.3929

 33.9090, -5.3781,
-1.6742

 28.8950, -14.2452,
-4.2929

 34.6640, -3.7784,
-1.4593

 35.7180, -2.3260,
-0.6297

■ 36.3590, -1.1630,
-0.3148

■ 37.1140, 0.4368,
-0.1000

■ 38.1680, 1.8892,
0.7297

■ 38.8090, 3.0522,
1.0445

Harmonies

Analogous

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



32.6020, -13.1148, 6.4880



31.4590, -9.5933, -3.0335



29.1030, -3.0088, -14.9993

Triad

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



31.4590, -9.5933, -3.0335



28.5760, 13.0270, -25.0612



34.5940, -0.7858, 18.7731

Complementary

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



31.4590, -9.5933, -3.0335



17.5410, 9.5933, 3.0335

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.



35.3420, 4.7614, 12.8551



31.4590, -9.5933, -3.0335



31.5280, 12.5577, -14.4951

Square

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



31.4590, -9.5933, -3.0335



28.7240, 8.5171, -25.1909



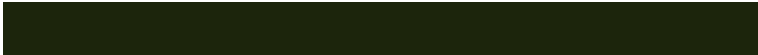
34.5300, 9.5987, 1.2892



34.2150, -6.0220, 18.2284

Rectangle

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



31.4590, -9.5933, -3.0335



27.0140, 1.9651, -23.6913



34.5300, 9.5987, 1.2892



34.4520, 1.2562, 17.1436

Sweetspot

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



31.4590, -9.5933, -3.0335



46.0770, -3.4890, -0.9445



24.7580, -6.2897, 10.7362



24.3050, -2.6154, -1.1445



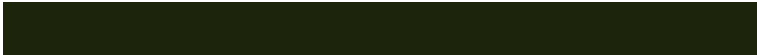
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



31.4590, -9.5933, -3.0335



39.3680, -14.9714, -4.7077



27.8710, -7.8244, -10.4109



17.4730, -0.7262, -0.4148



63.6820, -31.3952, -10.2451



162.7490, -80.2353, -25.2129

Inverse Universe

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



17.5410, 9.5933, 3.0335



17.6320, 14.9714, 4.7077



21.1290, 7.8244, 10.4109



16.5270, 0.7262, 0.4148



18.0190, 31.5426, 9.6303



46.2510, 80.2353, 25.2129

Previews

White Background



This preview shows how the YUV color 31.4590, -9.5933, -3.0335 looks on a white background.

Color Contrast Check

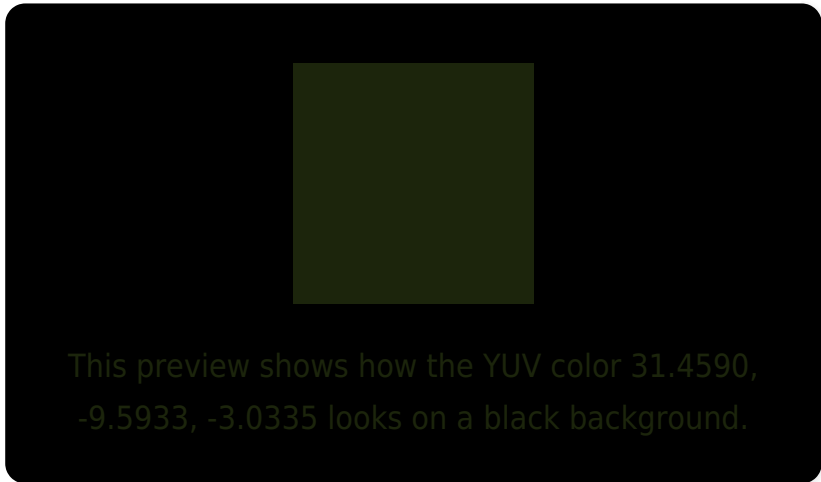
Large Text (above 18pt) WCAG AA ✓ Pass

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

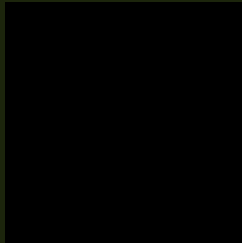
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.4590, -9.5933, -3.0335

Background



This preview shows how black text looks on a background with the YUV color 31.4590, -9.5933, -3.0335.



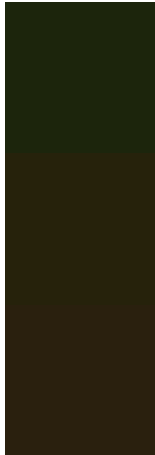
This preview shows how white text looks on a background with the YUV color 31.4590, -9.5933,

-3.0335.

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

31.4590, -9.5933, -3.0335

Protanopia

32.5740, -10.6360, 4.7586

Deuteranopia

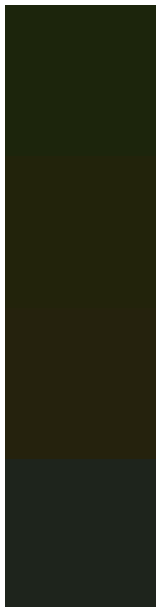
32.9380, -9.3364, 7.9474



Tritanopia

34.0320, 1.4632, -2.6591

Trichromacy



Original Color

31.4590, -9.5933, -3.0335

Protanomaly

31.9650, -10.3357, 1.7847

Deuteranomaly

32.5030, -9.6150, 3.9439

Tritanomaly

33.2940, -2.6099, -2.8888

Monochromacy



Original Color

31.4590, -9.5933, -3.0335

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4590, -9.5933, -3.0335 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(28, 37, 12)` looks like.

```
.text, #text, p{  
    color:rgb(28, 37, 12)  
}
```

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(28, 37, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 37, 12) }
```

Border

The CSS property to change the border of an element to YUV 31.4590, -9.5933, -3.0335 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(28, 37, 12) }
```


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

```
.border{ border-color:rgb(28, 37, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 37, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 37, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 37, 12);  
box-shadow:4px 4px 4px 4px rgb(28, 37, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.4590, -9.5933, -3.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 37, 12) }
```

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

```
.background{ background-color: rgb(28, 37,  
12) }
```

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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