

Converting Colors

YUV(29.9310, -5.3890, 1.8145)

Have a look what the booklet for
YUV(29.9310, -5.3890, 1.8145)
contains.

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Color

**YUV(29.9310, -5.3890,
1.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	201F13
RGB	32, 31, 19
RGB Percent	13%, 12%, 7%
CMY	0.8745, 0.8784, 0.9255
CMYK	0.00, 0.03, 0.41, 0.87
HSL	55°, 25%, 10%
HSV	55°, 41%, 13%
XYZ	1.2032, 1.3341, 0.8102
YIQ	29.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

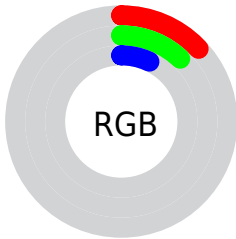
Format	Color
R_{YB}	20, 32, 19
Decimal	2105107
CIE Lab	11.51, -2.06, 8.26
CIE LCh	12, 8.511, 103.974
Yxy	1.3341, 0.3594, 0.3985
Android (android.graphics.Color)	4280295187 (0xFF201F13)
YUV	29.9310, -5.3890, 1.8145
Hunter-Lab	11.5502, -1.6183, 3.9263

Details

The YUV color **29.9310, -5.3890, 1.8145** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.0690, 5.3890, -1.8145**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7030, -6.2626, 2.0145**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.5890, -6.6994, 2.1144**, and if you desaturate by 10%, it is **30.2730, -4.0786, 1.5146**.

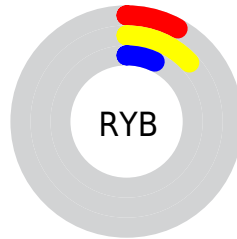
Distribution



Red (13%)

Green (12%)

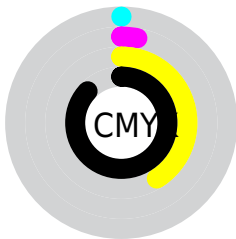
Blue (7%)



Red (8%)

Yellow (13%)

Blue (7%)

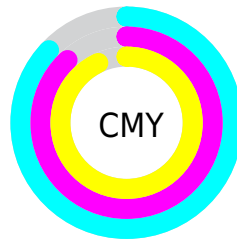


Cyan (0%)

Magenta (3%)

Yellow (41%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9310, -5.3890, 1.8145 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 29.9310, -5.3890, 1.8145 by changing the saturation by 10% instead.

■ 29.9310, -5.3890,
1.8145

■ 29.9310, -5.3890,
1.8145

■ 253.6320, -5.2416,
1.1997

■ 5.0060, -2.4680,
-1.7593

■ 73.7030, -6.2626,
2.0145

■ 0.0000, 0.0000,
0.0000

■ 97.0020, -6.4100,
2.6292

■ 122.0020, -6.4100,
2.6292

■ 147.8880, -6.8468,
2.7292

■ 174.7740, -7.2836,
2.8292

■ 201.7740, -7.2836,

2.8292

■ 230.0730, -7.4310,
3.4440

■ 29.9310, -5.3890,
1.8145

■ 29.9310, -5.3890,
1.8145

■ 29.5890, -6.6994,
2.1144

■ 30.2730, -4.0786,
1.5146

■ 29.2470, -8.0098,
2.4144

■ 30.6150, -2.7682,
1.2146

■ 28.2040, -9.4676,
3.3291

■ 31.6580, -1.3104,
0.2999

■ 27.8620, -10.7780,
3.6290

■ 32.0000, 0.0000,
0.0000

■ 27.5200, -12.0884,
3.9290

■ 32.3420, 1.3104,
-0.2999

■ 27.1780, -13.3988,
4.2289

■ 32.6840, 2.6208,
-0.5999

■ 33.6130, 3.6418,
-1.4146

■ 34.0690, 5.3890,
-1.8145

■ 34.4110, 6.6994,
-2.1144

Harmonies

Analogous

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



30.5510, -5.6946, 6.5328



29.9310, -5.3890, 1.8145



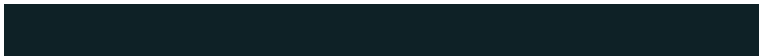
29.3540, -3.6255, -3.8185

Triad

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



29.9310, -5.3890, 1.8145



27.8890, 4.9847, -12.1807



31.6850, 1.1413, 7.2923

Complementary

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



29.9310, -5.3890, 1.8145



21.0690, 5.3890, -1.8145

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.



31.3470, 3.7729, 3.2037



29.9310, -5.3890, 1.8145



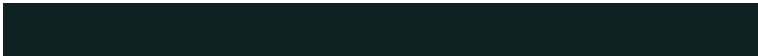
29.2530, 6.2843, -8.9919

Square

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



29.9310, -5.3890, 1.8145



27.9060, 2.5113, -12.1956



30.4710, 5.6838, -3.0441



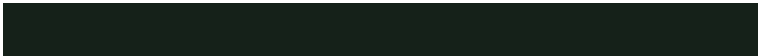
31.0120, -1.4849, 9.6365

Rectangle

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



29.9310, -5.3890, 1.8145



28.5000, -1.7255, -6.5775



30.4710, 5.6838, -3.0441



31.6140, 2.1623, 6.4775

Sweetspot

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



29.9310, -5.3890, 1.8145



39.8430, -1.8946, 1.0147



23.0010, -1.4795, 7.8921



19.7720, -0.8736, 0.2000



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



29.9310, -5.3890, 1.8145



37.5460, -8.1572, 3.0292



29.0230, -4.9413, -1.7742



14.8860, -0.4368, 0.1000



66.4720, -32.7707, 10.9871



174.0100, -85.7869, 28.9322

Inverse Universe

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



21.0690, 5.3890, -1.8145



23.8670, 8.4466, -2.5144



21.9770, 4.9413, 1.7742



14.1140, 0.4368, -0.1000



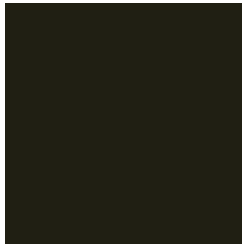
12.5280, 32.7707, -10.9871



32.9900, 85.7869, -28.9322

Previews

White Background



This preview shows how the YUV color 29.9310, -5.3890, 1.8145 looks on a white background.

Color Contrast Check

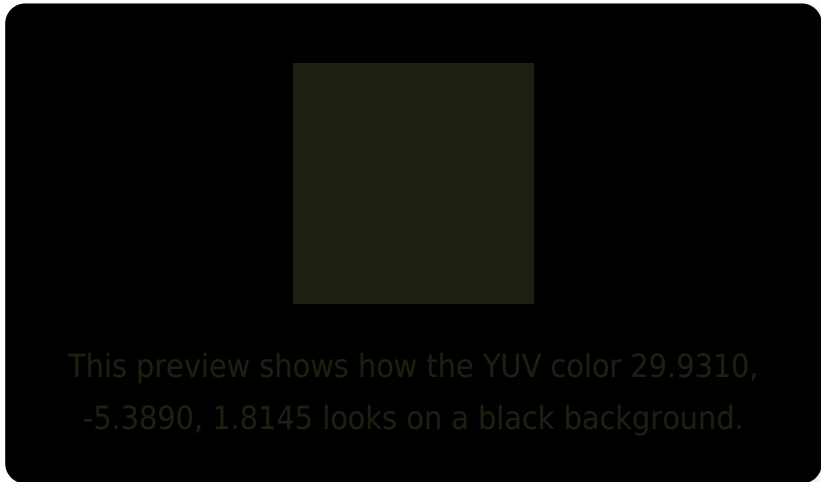
Large Text (above 18pt) WCAG AA ✓ Pass

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

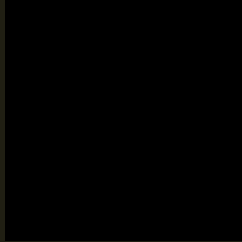
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9310, -5.3890, 1.8145

Background



This preview shows how black text looks on a background with the YUV color 29.9310, -5.3890, 1.8145.



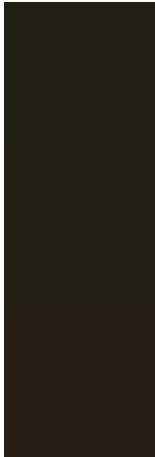
This preview shows how white text looks on a background with the YUV color 29.9310, -5.3890,

1.8145.

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

29.9310, -5.3890, 1.8145

Protanopia

30.2300, -5.5364, 2.4293

Deuteranopia

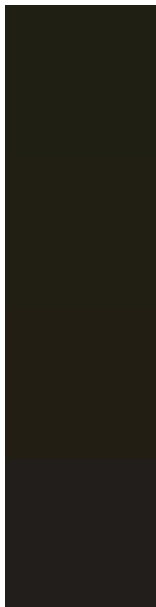
30.2520, -5.5472, 5.9180



Tritanopia

30.5380, 0.7208, 2.1592

Trichromacy



Original Color

29.9310, -5.3890, 1.8145

Protanomaly

30.2300, -5.5364, 2.4293

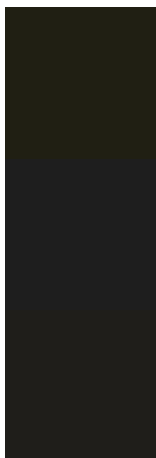
Deuteranomaly

30.2410, -5.5418, 4.1736

Tritanomaly

30.5550, -1.7526, 2.1443

Monochromacy



Original Color

29.9310, -5.3890, 1.8145

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9310, -5.3890, 1.8145 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(32, 31, 19)` looks like.

```
.text, #text, p{  
    color:rgb(32, 31, 19)  
}
```

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(32, 31, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 31, 19) }
```

Border

The CSS property to change the border of an element to YUV 29.9310, -5.3890, 1.8145 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(32, 31, 19) }
```


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

```
.border{ border-color:rgb(32, 31, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 31, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 31, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 31, 19);  
box-shadow:4px 4px 4px 4px rgb(32, 31, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.9310, -5.3890, 1.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 31, 19) }
```

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

```
.background{ background-color: rgb(32, 31,  
19) }
```

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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