

Converting Colors

YUV(30.4310, -0.2125, 21.5470)

Have a look what the booklet for
YUV(30.4310, -0.2125, 21.5470)
contains.

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Color

**YUV(30.4310, -0.2125,
21.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	37121E
RGB	55, 18, 30
RGB Percent	22%, 7%, 12%
CMY	0.7843, 0.9294, 0.8824
CMYK	0.00, 0.67, 0.45, 0.78
HSL	341°, 51%, 14%
HSV	341°, 67%, 22%
XYZ	2.0262, 1.3386, 1.3799
YIQ	30.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

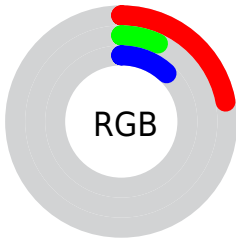
Format	Color
R_{YB}	55, 18, 30
Decimal	3609118
CIE _{Lab}	11.54, 19.92, 0.86
CIE _{LCh}	12, 19.939, 2.467
Yxy	1.3386, 0.4270, 0.2821
Android (android.graphics.Color)	4281799198 (0xFF37121E)
YUV	30.4310, -0.2125, 21.5470
Hunter-Lab	11.5697, 11.0138, 1.0275

Details

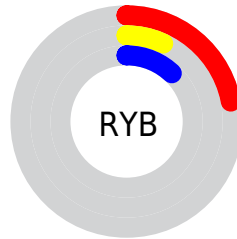
The YUV color **30.4310, -0.2125, 21.5470** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.5690, 0.2125, -21.5470**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.8120, -1.3863, 24.7209**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.0400, -0.5127, 24.5209**, and if you desaturate by 10%, it is **34.4090, -0.2016, 18.0583**.

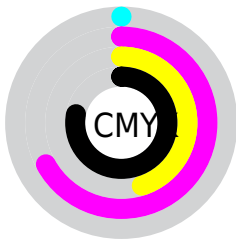
Distribution



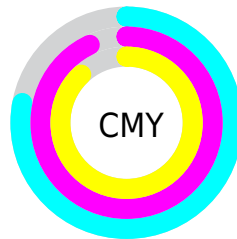
- Red (22%)
- Green (7%)
- Blue (12%)



- Red (22%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (45%)
- Black (78%)



- Cyan (78%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4310, -0.2125, 21.5470 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 30.4310, -0.2125, 21.5470 by changing the saturation by 10% instead.

■ 30.4310, -0.2125,
21.5470

■ 30.4310, -0.2125,
21.5470

■ 249.7170, 2.6045,
4.6332

■ 11.2200, -3.5595,
21.7321

■ 75.8120, -1.3863,
24.7209

■ 0.0000, 0.0000,
0.0000

■ 100.4100, -1.6811,
25.9504

■ 125.1220, -1.5391,
27.0800

■ 151.4210, -1.6866,
27.6948

■ 178.0190, -1.9814,
28.9243

■ 206.3180, -2.1288,

29.5391

■ 230.4310, -0.2125,
21.5470

■ 30.4310, -0.2125,
21.5470

■ 30.4310, -0.2125,
21.5470

■ 27.0400, -0.5127,
24.5209

■ 34.4090, -0.2016,
18.0583

■ 23.1760, -0.0868,
27.9096

■ 37.6860, -0.3382,
15.1844

■ 19.7850, -0.3870,
30.8836

■ 41.6640, -0.3274,
11.6957

■ 18.4970, -0.2450,
32.0131

■ 45.0550, -0.0271,
8.7218

■ 49.0330, -0.0163,
5.2331

■ 52.3100, -0.1528,
2.3591

■ 56.2880, -0.1420,
-1.1296

■ 59.6790, 0.1583,
-4.1035

■ 63.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



31.5810, 5.6296, 14.3995



30.4310, -0.2125, 21.5470



30.0090, -6.9064, 21.9171

Triad

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



30.4310, -0.2125, 21.5470



27.1340, -13.3771, -2.7485



26.8150, 13.8952, -23.5168

Complementary

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



30.4310, -0.2125, 21.5470



42.5690, 0.2125, -21.5470

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.



26.8490, 8.9484, -23.5466



30.4310, -0.2125, 21.5470



24.2660, -3.5821, -17.7733

Square

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



30.4310, -0.2125, 21.5470



28.9720, -14.2832, 7.9176



25.2530, 2.8333, -22.1469



26.2930, 15.6316, -20.4280

Rectangle

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



30.4310, -0.2125, 21.5470



29.2060, -12.4266, 19.1133



25.2530, 2.8333, -22.1469



27.0600, 12.2954, -23.7316

Sweetspot

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



30.4310, -0.2125, 21.5470



61.7560, 0.1203, 8.1070



29.6930, 12.4764, 11.6702



30.0330, -0.0163, 5.2331



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.



30.4310, -0.2125, 21.5470



33.0950, -0.5398, 33.2427



32.5850, -7.1904, 19.6580



26.0110, -0.0054, 1.7444



30.9280, -0.4575, 53.5601



73.5750, -1.2695, 127.5377

Inverse Universe

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



30.4310, -0.2125, 21.5470



33.0950, -0.5398, 33.2427



40.4150, 7.1904, -19.6580



26.0110, -0.0054, 1.7444



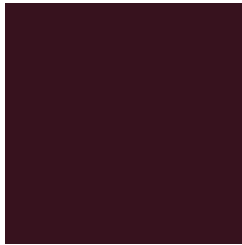
30.9280, -0.4575, 53.5601



73.5750, -1.2695, 127.5377

Previews

White Background



This preview shows how the YUV color 30.4310, -0.2125, 21.5470 looks on a white background.

Color Contrast Check

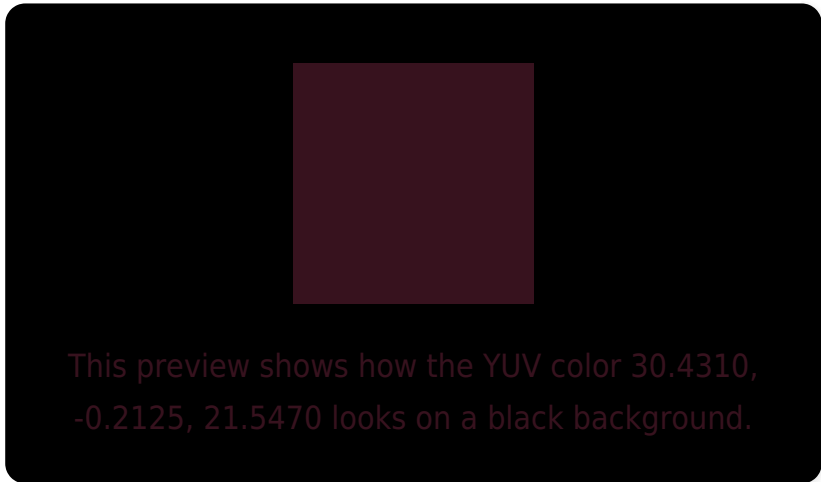
Large Text (above 18pt) WCAG AA ✓ Pass

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

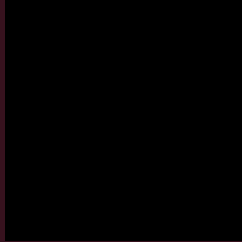
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4310, -0.2125, 21.5470

Background



This preview shows how black text looks on a background with the YUV color 30.4310, -0.2125, 21.5470.



This preview shows how white text looks on a background with the YUV color 30.4310, -0.2125,

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

30.4310, -0.2125, 21.5470

Protanopia

32.3850, 2.7682, -1.2146

Deuteranopia

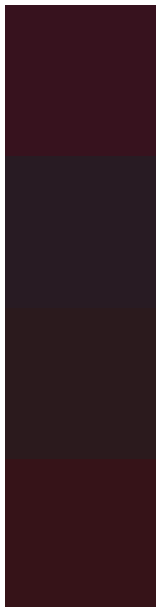
32.1530, -2.0474, 3.3738



Tritanopia

30.2800, -4.5750, 20.8024

Trichromacy



Original Color

30.4310, -0.2125, 21.5470

Protanomaly

31.7990, 1.5781, 7.1923

Deuteranomaly

31.4250, -1.1955, 10.1513

Tritanomaly

30.0350, -2.9753, 21.0173

Monochromacy



Original Color

30.4310, -0.2125, 21.5470

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.3430, -0.1691, 7.5922

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4310, -0.2125, 21.5470 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(55, 18, 30)` looks like.

```
.text, #text, p{  
    color:rgb(55, 18, 30)  
}
```

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(55, 18, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 18, 30) }
```

Border

The CSS property to change the border of an element to YUV 30.4310, -0.2125, 21.5470 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(55, 18, 30) }
```


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

```
.border{ border-color:rgb(55, 18, 30) }
```

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

Here you see how a box with a 4 pixel rgb(55, 18, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 18, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 18, 30);  
box-shadow:4px 4px 4px 4px rgb(55, 18, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.4310, -0.2125, 21.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 18, 30) }
```

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

```
.background{ background-color: rgb(55, 18,  
30) }
```

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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