

Converting Colors

YUV(30.1510, -12.3994,
10.3916)

Have a look what the booklet for
YUV(30.1510, -12.3994, 10.3916)
contains.

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Color

**YUV(30.1510, -12.3994,
10.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1D05
RGB	42, 29, 5
RGB Percent	16%, 11%, 2%
CMY	0.8353, 0.8863, 0.9804
CMYK	0.00, 0.31, 0.88, 0.84
HSL	39°, 79%, 9%
HSV	39°, 88%, 16%
XYZ	1.4216, 1.3819, 0.3354
YIQ	30.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

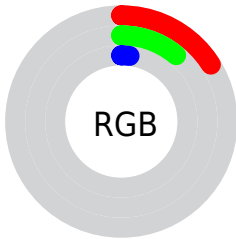
Format	Color
R_{YB}	25, 42, 5
Decimal	2759941
CIE Lab	11.84, 3.21, 15.61
CIE LCh	12, 15.937, 78.395
Yxy	1.3819, 0.4529, 0.4403
Android (android.graphics.Color)	4280950021 (0xFF2A1D05)
YUV	30.1510, -12.3994, 10.3916
Hunter-Lab	11.7555, 1.0139, 6.5373

Details

The YUV color **30.1510, -12.3994, 10.3916** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.8490, 12.3994, -10.3916**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3900, -11.5313, 11.9360**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.1080, -13.8572, 11.3063**, and if you desaturate by 10%, it is **31.1940, -10.9416, 9.4769**.

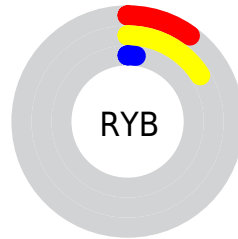
Distribution



Red (16%)

Green (11%)

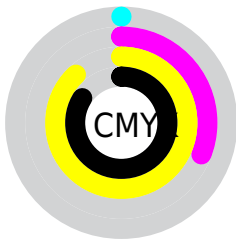
Blue (2%)



Red (10%)

Yellow (16%)

Blue (2%)

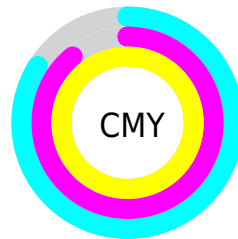


Cyan (0%)

Magenta (31%)

Yellow (88%)

Black (84%)



Cyan (84%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.1510, -12.3994, 10.3916 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 30.1510, -12.3994, 10.3916 by changing the saturation by 10% instead.

■ 30.1510, -12.3994,
10.3916

■ 30.1510, -12.3994,
10.3916

■ 252.1500,
-10.9200, 2.4994

■ 7.4310, -3.6635,
8.3920

■ 74.3900, -11.5313,
11.9360

■ 0.0000, 0.0000,
0.0000

■ 98.4610, -12.5523,
12.7507


■ 123.6460,
-13.1365, 13.4655


■ 149.8310,
-13.7207, 14.1802


■ 176.1300,
-13.8681, 14.7950


■ 203.4290,


-14.0155, 15.4098


 231.6140,
-14.5997, 16.1245


 30.1510, -12.3994,
10.3916


 30.1510, -12.3994,
10.3916


 29.1080, -13.8572,
11.3063


 31.1940, -10.9416,
9.4769

 28.4070, -14.0047,
11.9211

 32.8240, -9.7732,
8.0474

 33.9810, -7.8786,
7.0327

 35.6110, -6.7102,
5.6032

 36.6540, -5.2524,
4.6884

■ 38.2840, -4.0840,
3.2589

■ 39.3270, -2.6262,
2.3442

■ 41.0710, -1.0210,
0.8147

■ 42.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



30.9220, -8.3425, 15.8544



30.1510, -12.3994, 10.3916



29.6230, -11.6461, 2.0846

Triad

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



30.1510, -12.3994, 10.3916



26.0510, 5.8909, -22.8467



32.4660, 6.6723, 6.6073

Complementary

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



30.1510, -12.3994, 10.3916



16.8490, 12.3994, -10.3916

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.



31.0130, 10.3466, -5.2734



30.1510, -12.3994, 10.3916



26.4900, 10.1114, -23.2317

Square

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



30.1510, -12.3994, 10.3916



24.6940, 0.6439, -19.9026



26.4840, 12.5794, -21.4725



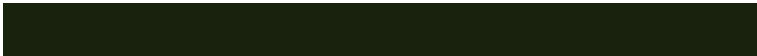
32.2560, 1.8458, 14.6845

Rectangle

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



30.1510, -12.3994, 10.3916



28.5020, -8.1355, -3.9483



26.4840, 12.5794, -21.4725



32.0850, 7.8461, 3.4335

Sweetspot

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



30.1510, -12.3994, 10.3916



49.4690, -4.6682, 3.9737



17.6590, 0.6611, 21.3471



25.2130, -3.0630, 2.4442



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



30.1510, -12.3994, 10.3916



36.6910, -18.0887, 15.1800



36.2870, -15.4245, 0.6253



19.7720, -0.8736, 0.2000



57.4010, -28.2987, 23.3273



143.8070, -70.8969, 59.8053

Inverse Universe

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



16.8490, 12.3994, -10.3916



17.3090, 18.0887, -15.1800



10.7130, 15.4245, -0.6253



18.8150, 0.5842, -0.7148



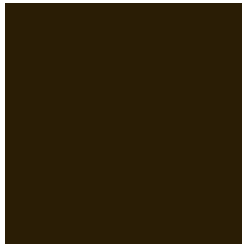
27.1860, 28.0093, -23.8421



67.6060, 71.1862, -59.2905

Previews

White Background



This preview shows how the YUV color 30.1510, -12.3994, 10.3916 looks on a white background.

Color Contrast Check

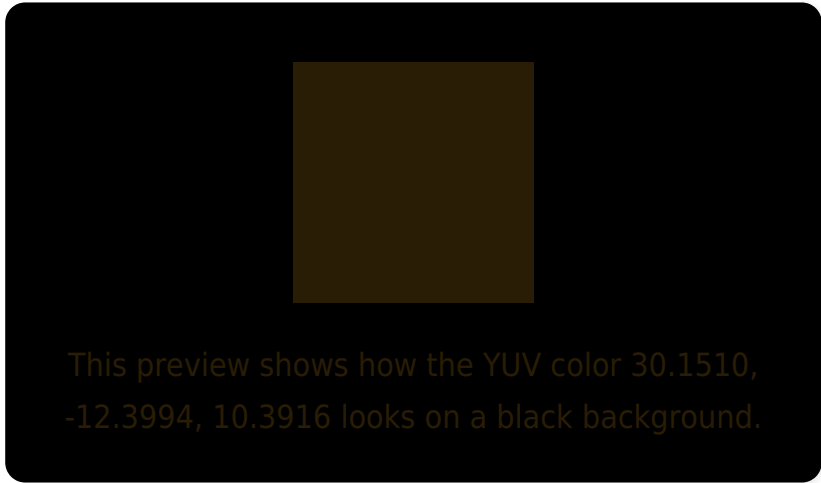
Large Text (above 18pt) WCAG AA ✓ Pass

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

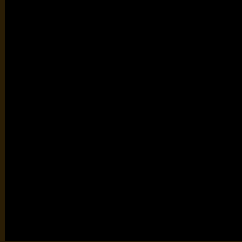
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.1510, -12.3994, 10.3916

Background



This preview shows how black text looks on a background with the YUV color 30.1510, -12.3994, 10.3916.

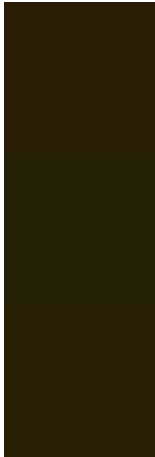


This preview shows how white text looks on a background with the YUV color 30.1510, -12.3994,

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

30.1510, -12.3994, 10.3916

Protanopia

30.2320, -11.9464, 5.0585

Deuteranopia

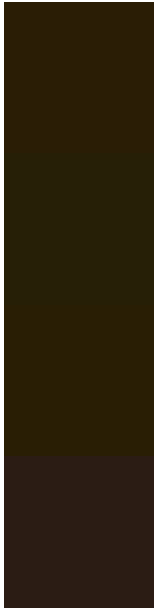
30.0260, -12.8308, 8.7472



Tritanopia

32.0120, -1.4849, 9.6365

Trichromacy



Original Color

30.1510, -12.3994, 10.3916

Protanomaly

30.2430, -11.9518, 6.8029

Deuteranomaly

30.3250, -12.9782, 9.3620

Tritanomaly

31.5730, -5.7055, 10.0215

Monochromacy



Original Color

30.1510, -12.3994, 10.3916

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.1510, -12.3994, 10.3916 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(42, 29, 5)` looks like.

```
.text, #text, p{  
    color:rgb(42, 29, 5)  
}
```

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(42, 29, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 29, 5) }
```

Border

The CSS property to change the border of an element to YUV 30.1510, -12.3994, 10.3916 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(42, 29, 5) }
```


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

```
.border{ border-color:rgb(42, 29, 5) }
```

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

Here you see how a box with a 4 pixel rgb(42, 29, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 29, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 29, 5); box-shadow:4px  
4px 4px 4px rgb(42, 29, 5) }
```

Background

The CSS property to change the background color of an element to YUV 30.1510, -12.3994, 10.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 29, 5) }
```

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

```
.background{ background-color: rgb(42, 29,  
5) }
```

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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