

Converting Colors

YUV(30.5220, -15.0473,
19.7132)

Have a look what the booklet for
YUV(30.5220, -15.0473, 19.7132)
contains.

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Color

**YUV(30.5220, -15.0473,
19.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	351900
RGB	53, 25, 0
RGB Percent	21%, 10%, 0%
CMY	0.7922, 0.9020, 1.0000
CMYK	0.00, 0.53, 1.00, 0.79
HSL	28°, 100%, 10%
HSV	28°, 100%, 21%
XYZ	1.8158, 1.4521, 0.1846
YIQ	30.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

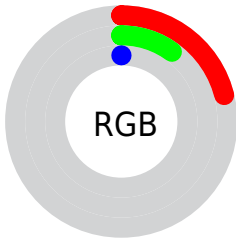
Format	Color
R_{YB}	53, 47, 0
Decimal	3479808
CIE _{Lab}	12.30, 11.68, 18.57
CIE _{LCh}	12, 21.935, 57.830
Yxy	1.4521, 0.5259, 0.4206
Android (android.graphics.Color)	4281669888 (0xFF351900)
YUV	30.5220, -15.0473, 19.7132
Hunter-Lab	12.0505, 5.8089, 7.5272

Details

The YUV color **30.5220, -15.0473, 19.7132** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.4780, 15.0473, -19.7132**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.7720, -14.1846, 23.0020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.5220, -15.0473, 19.7132**, and if you desaturate by 10%, it is **32.8530, -13.7315, 17.6689**.

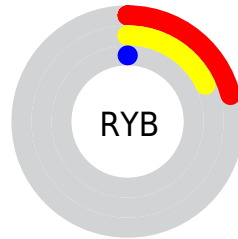
Distribution



Red (21%)

Green (10%)

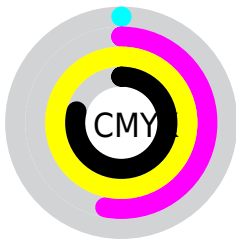
Blue (0%)



Red (21%)

Yellow (18%)

Blue (0%)

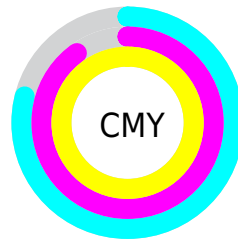


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (79%)



Cyan (79%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5220, -15.0473, 19.7132 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 30.5220, -15.0473, 19.7132 by changing the saturation by 10% instead.

■ 30.5220, -15.0473,
19.7132

■ 30.5220, -15.0473,
19.7132

■ 250.5200,
-12.0884, 3.9290

■ 8.9700, -4.4222,
18.4433

■ 75.7720, -14.1846,
23.0020

■ 0.0000, 0.0000,
0.0000

■ 100.2560,
-14.9162, 24.3315


■ 125.7400,
-15.6478, 25.6610


■ 151.2240,
-16.3794, 26.9906


■ 178.4090,
-16.9636, 27.7053


■ 206.0070,


-17.2585, 28.9349


 230.3050,
-15.9264, 21.6575


 30.5220, -15.0473,
19.7132

 32.8530, -13.7315,
17.6689

 35.2980, -11.9789,
15.5247

 37.0420, -10.3737,
13.9952

 39.3730, -9.0579,
11.9509

 41.8180, -7.3053,
9.8066

■ 44.1490, -5.9895,
7.7623

■ 46.4800, -4.6736,
5.7180

■ 48.2240, -3.0684,
4.1886

■ 50.6690, -1.3158,
2.0443

Harmonies

Analogous

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



30.9600, -5.8963, 24.5911



30.5220, -15.0473, 19.7132



30.7550, -15.1622, 9.8619

Triad

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



30.5220, -15.0473, 19.7132



26.3130, 1.8177, -23.0765



32.7190, 12.9565, -2.3846

Complementary

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



30.5220, -15.0473, 19.7132



22.4780, 15.0473, -19.7132

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.



27.0260, 17.2422, -23.7018



30.5220, -15.0473, 19.7132



28.1370, 8.8065, -24.6761

Square

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



30.5220, -15.0473, 19.7132



25.3970, -5.6187, -17.8882



28.8040, 13.9006, -25.2611



33.0370, 7.3768, 13.9996

Rectangle

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



30.5220, -15.0473, 19.7132



29.8250, -14.7037, 2.7845



28.8040, 13.9006, -25.2611



31.4300, 14.5780, -9.1471

Sweetspot

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



30.5220, -15.0473, 19.7132



60.1490, -5.9895, 7.7623



19.0390, 4.4178, 29.7838



30.4090, -3.6526, 4.9033



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.



30.5220, -15.0473, 19.7132



39.4150, -19.4316, 25.9460



45.7840, -22.5715, 6.3284



24.4840, -0.7316, 1.3295



51.2650, -25.2736, 33.0936



124.7570, -61.5052, 80.8971

Inverse Universe

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



22.4780, 15.0473, -19.7132



28.9980, 19.7210, -25.4312



7.2160, 22.5715, -6.3284



23.9290, 1.0210, -0.8147



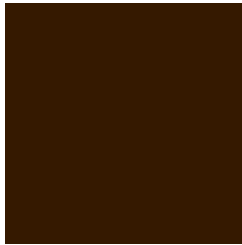
37.7350, 25.2736, -33.0936



92.2430, 61.5052, -80.8971

Previews

White Background



This preview shows how the YUV color 30.5220, -15.0473, 19.7132 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

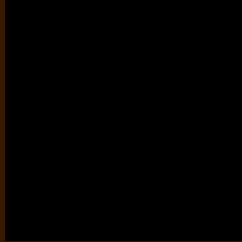
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5220, -15.0473, 19.7132

Background



This preview shows how black text looks on a background with the YUV color 30.5220, -15.0473, 19.7132.

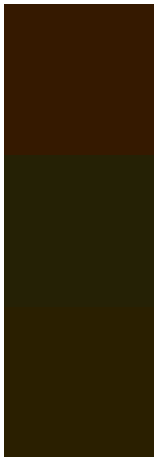


This preview shows how white text looks on a background with the YUV color 30.5220, -15.0473,

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

30.5220, -15.0473, 19.7132

Protanopia

31.0040, -12.8200, 5.2585

Deuteranopia

30.7550, -15.1622, 9.8619



Tritanopia

32.4970, -3.6960, 18.8581

Trichromacy



Original Color

30.5220, -15.0473, 19.7132

Protanomaly

30.8090, -13.7098, 10.6915

Deuteranomaly

30.7770, -15.1731, 13.3506

Tritanomaly

32.0580, -7.9166, 19.2431

Monochromacy



Original Color

30.5220, -15.0473, 19.7132

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5220, -15.0473, 19.7132 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(53, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 25, 0)  
}
```

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(53, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 25, 0) }
```

Border

The CSS property to change the border of an element to YUV 30.5220, -15.0473, 19.7132 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(53, 25, 0) }
```


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

```
.border{ border-color:rgb(53, 25, 0) }
```

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

Here you see how a box with a 4 pixel rgb(53, 25, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 25, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 25, 0); box-shadow:4px  
4px 4px 4px rgb(53, 25, 0) }
```

Background

The CSS property to change the background color of an element to YUV 30.5220, -15.0473, 19.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 25, 0) }
```

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

```
.background{ background-color: rgb(53, 25,  
0) }
```

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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