

Converting Colors

YUV(74.8910, -21.6383,
-13.0594)

Have a look what the booklet for
YUV(74.8910, -21.6383, -13.0594)
contains.

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Color

**YUV(74.8910, -21.6383,
-13.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5B1F
RGB	60, 91, 31
RGB Percent	24%, 36%, 12%
CMY	0.7647, 0.6431, 0.8784
CMYK	0.34, 0.00, 0.66, 0.64
HSL	91°, 49%, 24%
HSV	91°, 66%, 36%
XYZ	5.8519, 8.5418, 2.6366
YIQ	74.8910, 0.7840, -25.2320

Conversions

Conversions Part 2

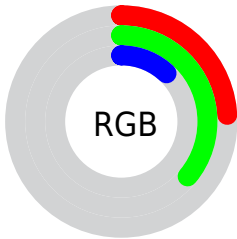
Format	Color
R_{YB}	31, 91, 62
Decimal	3955487
CIE _{Lab}	35.09, -22.77, 30.22
CIE _{LCh}	35, 37.835, 126.994
Yxy	8.5418, 0.3436, 0.5016
Android (android.graphics.Color)	4282145567 (0xFF3C5B1F)
YUV	74.8910, -21.6383, -13.0594
Hunter-Lab	29.2263, -15.4055, 15.1096

Details

The YUV color **74.8910, -21.6383, -13.0594** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47.1090, 21.6383, 13.0594**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5490, -22.9487, -12.7595**, and **30.6010, -15.0863, -14.5591** is the 20% darker color. If you saturate the color by 10%, you get **72.3700, -24.8324, -15.2335**, and if you desaturate by 10%, it is **77.4120, -18.4441, -10.8853**.

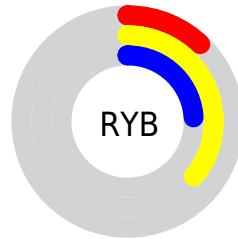
Distribution



Red (24%)

Green (36%)

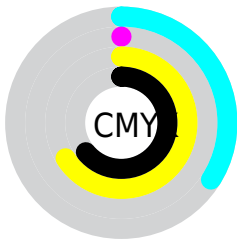
Blue (12%)



Red (12%)

Yellow (36%)

Blue (24%)

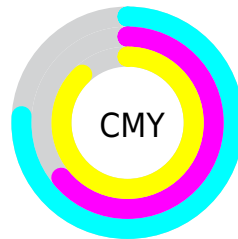


Cyan (34%)

Magenta (0%)

Yellow (66%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8910, -21.6383, -13.0594 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 74.8910, -21.6383, -13.0594 by changing the saturation by 10% instead.

■ 74.8910, -21.6383,
-13.0594

■ 74.8910, -21.6383,
-13.0594

255.0000, 0.0000,
0.0000

■ 50.8910, -21.6383,
-13.0594

■ 124.5490,
-22.9487, -12.7595

■ 30.6010, -15.0863,
-14.5591

■ 151.0220,
-23.6748, -13.1743

■ 15.2620, -7.5242,
-13.3848

■ 177.7940,
-24.5484, -12.9743

■ 0.0000, 0.0000,
0.0000

■ 205.2670,
-25.2746, -13.3892

■ 233.7400,
-26.0008, -13.8040

■ 247.3640,

-18.9135, -0.3192

■ 253.0620, -7.4256,
1.6996

■ 74.8910, -21.6383,
-13.0594

■ 74.8910, -21.6383,
-13.0594

■ 72.3700, -24.8324,
-15.2335

■ 77.4120, -18.4441,
-10.8853

■ 70.1480, -28.1740,
-16.7928

■ 79.6340, -15.1026,
-9.3260

■ 67.6270, -31.3681,
-18.9669

■ 82.1550, -11.9084,
-7.1519

■ 66.5730, -32.8205,
-19.7965

■ 84.6760, -8.7143,
-4.9779

■ 87.3110, -5.0833,
-2.9037

■ 89.5330, -1.7418,
-1.3444

■ 92.0540, 1.4524,
0.8296

■ 94.5750, 4.6465,
3.0037

■ 96.7970, 7.9881,
4.5630

Harmonies

Analogous

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



78.0530, -30.5921, 12.2315



74.8910, -21.6383, -13.0594



62.3770, -2.1579, -54.7046

Triad

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



74.8910, -21.6383, -13.0594



69.7360, 33.6542, -61.1585



81.4390, -2.1884, 48.7270

Complementary

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



74.8910, -21.6383, -13.0594



47.1090, 21.6383, 13.0594

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.



84.2060, 11.2374, 35.7763



74.8910, -21.6383, -13.0594



75.1780, 33.4362, -37.8671

Square

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



74.8910, -21.6383, -13.0594



69.8040, 23.7606, -61.2181



85.0050, 22.6755, 7.0116



81.3450, -16.4391, 46.1784

Rectangle

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



74.8910, -21.6383, -13.0594



65.8310, 5.9993, -57.7338



85.0050, 22.6755, 7.0116



82.5680, 2.1850, 45.9829

Sweetspot

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



74.8910, -21.6383, -13.0594



110.7900, -8.2775, -5.0778



67.1370, -17.8155, 20.9279



55.0120, -4.9359, -3.5185



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.8910, -21.6383, -13.0594



92.1600, -33.1099, -20.3113



66.3340, -16.9267, -30.9879



44.8320, -1.8892, -0.7297



80.4170, -39.6456, -24.0447



173.5040, -85.5375, -51.3080

Inverse Universe

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



47.1090, 21.6383, 13.0594



49.8400, 33.1099, 20.3113



55.6660, 16.9267, 30.9879



42.4670, 1.7418, 1.3444



29.5830, 39.6456, 24.0447



63.7950, 85.3901, 51.9228

Previews

White Background



This preview shows how the YUV color 74.8910, -21.6383, -13.0594 looks on a white background.

Color Contrast Check

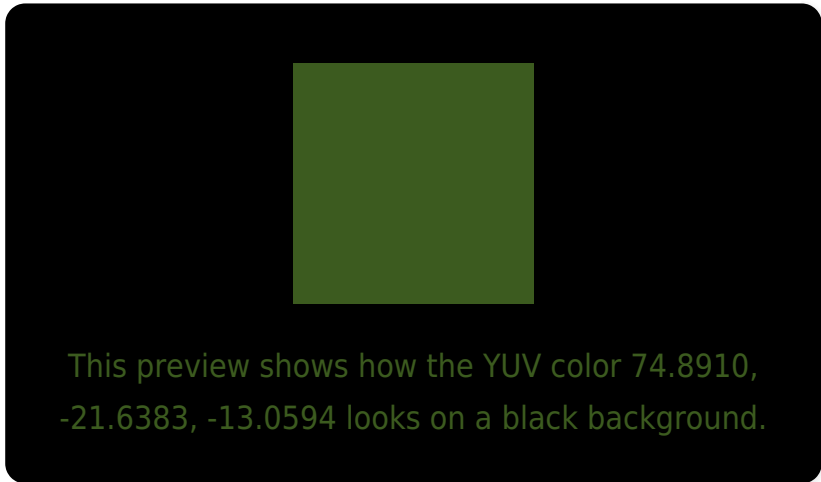
Large Text (above 18pt) WCAG AA ✓ Pass

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

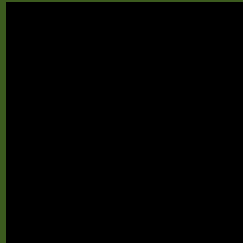
Any Text WCAG AA × Fail

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 74.8910, -21.6383, -13.0594 Background



This preview shows how black text looks on a background with the YUV color 74.8910, -21.6383, -13.0594.



This preview shows how white text looks on a background with the YUV color 74.8910, -21.6383, -13.0594.

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

74.8910, -21.6383, -13.0594

Protanopia

78.9480, -24.6244, 11.4466

Deuteranopia

80.2740, -22.3201, 19.0537



Tritanopia

81.0140, 5.4161, -10.5363

Trichromacy



Original Color

74.8910, -21.6383, -13.0594

Protanomaly

77.2350, -23.2869, 2.4249

Deuteranomaly

78.6100, -21.9927, 7.3580

Tritanomaly

78.7830, -4.3300, -11.2107

Monochromacy



Original Color

74.8910, -21.6383, -13.0594

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2030, -7.9881, -4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8910, -21.6383, -13.0594 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(60, 91, 31)` looks like.

```
.text, #text, p{  
    color:rgb(60, 91, 31)  
}
```

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(60, 91, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 91, 31) }
```

Border

The CSS property to change the border of an element to YUV 74.8910, -21.6383, -13.0594 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(60, 91, 31) }
```


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

```
.border{ border-color:rgb(60, 91, 31) }
```

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

Here you see how a box with a 4 pixel rgb(60, 91, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 91, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 91, 31);  
box-shadow:4px 4px 4px 4px rgb(60, 91, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8910, -21.6383, -13.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 91, 31) }
```

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

```
.background{ background-color: rgb(60, 91,  
31) }
```

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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