

Converting Colors

YUV(77.4820, -31.2966, 4.8393)

Have a look what the booklet for
YUV(77.4820, -31.2966, 4.8393)
contains.

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Color

**YUV(77.4820, -31.2966,
4.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	53570E
RGB	83, 87, 14
RGB Percent	33%, 34%, 5%
CMY	0.6745, 0.6588, 0.9451
CMYK	0.05, 0.00, 0.84, 0.66
HSL	63°, 72%, 20%
HSV	63°, 84%, 34%
XYZ	7.0547, 8.6871, 1.7204
YIQ	77.4820, 21.0490, -23.5510

Conversions

Conversions Part 2

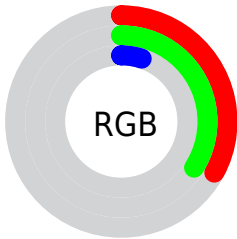
Format	Color
R_{YB}	14, 87, 18
Decimal	5461774
CIE Lab	35.37, -11.31, 38.39
CIE LCh	35, 40.023, 106.422
Yxy	8.6871, 0.4040, 0.4975
Android (android.graphics.Color)	4283651854 (0xFF53570E)
YUV	77.4820, -31.2966, 4.8393
Hunter-Lab	29.4739, -8.8543, 17.1709

Details

The YUV color **77.4820, -31.2966, 4.8393** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.5180, 31.2966, -4.8393**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0800, -31.5914, 6.0688**, and **35.1190, -17.3137, -0.1044** is the 20% darker color. If you saturate the color by 10%, you get **76.4560, -35.2278, 5.7391**, and if you desaturate by 10%, it is **78.5080, -27.3654, 3.9395**.

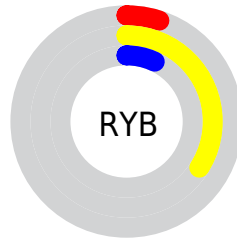
Distribution



Red (33%)

Green (34%)

Blue (5%)



Red (5%)

Yellow (34%)

Blue (7%)

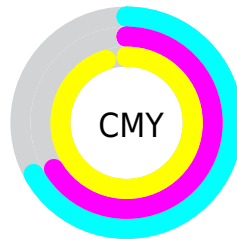


Cyan (5%)

Magenta (0%)

Yellow (84%)

Black (66%)



Cyan (67%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4820, -31.2966, 4.8393 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 77.4820, -31.2966, 4.8393 by changing the saturation by 10% instead.

■ 77.4820, -31.2966,
4.8393

■ 77.4820, -31.2966,
4.8393

■ 254.5440, -1.7472,
0.3999

■ 55.2090, -27.2180,
3.3247

■ 128.0800,
-31.5914, 6.0688

■ 35.1190, -17.3137,
-0.1044

■ 154.1510,
-32.6124, 6.8836

■ 13.8000, -6.8034,
-11.2256

■ 181.3360,
-33.1966, 7.5983


■ 0.0000, 0.0000,
0.0000


■ 209.1080,
-34.0702, 7.7983


■ 237.2930,
-34.6544, 8.5130


■ 248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 77.4820, -31.2966,
4.8393


 77.4820, -31.2966,
4.8393


 76.4560, -35.2278,
5.7391


 78.5080, -27.3654,
3.9395

 75.5870, -37.2644,
5.6242

 79.7190, -24.0185,
3.7544

 80.7450, -20.0873,
2.8546

 82.0700, -16.3035,
2.5696

 83.0960, -12.3723,
1.6698

■ 84.3070, -9.0254,
1.4848

■ 85.3330, -5.0942,
0.5850

■ 86.6580, -1.3104,
0.2999

■ 87.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



79.9240, -31.5145, 28.1307



77.4820, -31.2966, 4.8393



72.7370, -18.1113, -24.3253

Triad

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



77.4820, -31.2966, 4.8393



71.6450, 28.2760, -62.8327



83.6370, 7.5740, 44.1684

Complementary

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



77.4820, -31.2966, 4.8393



23.5180, 31.2966, -4.8393

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.



85.9140, 20.7484, 18.4924



77.4820, -31.2966, 4.8393



69.9470, 37.0011, -61.3435

Square

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



77.4820, -31.2966, 4.8393



68.9260, 15.3195, -60.4481



80.5220, 31.7877, -22.3828



81.4950, -7.1460, 52.1859

Rectangle

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



77.4820, -31.2966, 4.8393



63.3230, -3.6102, -55.5343



80.5220, 31.7877, -22.3828



84.4450, 12.1056, 37.3207

Sweetspot

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



77.4820, -31.2966, 4.8393



108.5090, -12.0829, 2.1846



38.1750, -11.9183, 42.8195



53.7630, -7.2782, 1.0848



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.4820, -31.2966, 4.8393



97.4380, -48.0369, 7.5089



66.7180, -25.9900, -17.2927



42.5440, -1.7472, 0.3999



93.0080, -45.8529, 7.0090



204.3230, -100.7312, 15.5027

Inverse Universe

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



23.5180, 31.2966, -4.8393



14.5620, 48.0369, -7.5089



34.2820, 25.9900, 17.2927



39.4560, 1.7472, -0.3999



13.9920, 45.8529, -7.0090



30.6770, 100.7312, -15.5027

Previews

White Background



This preview shows how the YUV color 77.4820, -31.2966, 4.8393 looks on a white background.

Color Contrast Check

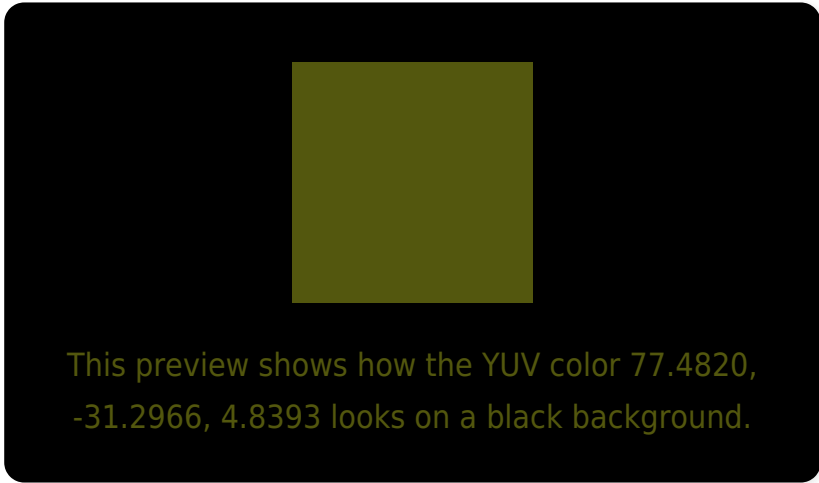
Large Text (above 18pt) WCAG AA ✓ Pass

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

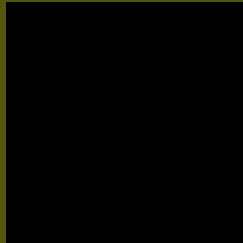
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4820, -31.2966, 4.8393

Background



This preview shows how black text looks on a background with the YUV color 77.4820, -31.2966, 4.8393.



This preview shows how white text looks on a background with the YUV color 77.4820, -31.2966,

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

77.4820, -31.2966, 4.8393

Protanopia

78.3090, -32.1973, 13.7610

Deuteranopia

79.9340, -30.0405, 21.9829



Tritanopia

84.0760, 1.4415, 4.3183

Trichromacy



Original Color

77.4820, -31.2966, 4.8393

Protanomaly

77.7000, -31.8971, 10.7871

Deuteranomaly

79.0750, -30.6030, 15.7202

Tritanomaly

81.5740, -10.6360, 4.7586

Monochromacy



Original Color

77.4820, -31.2966, 4.8393

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3240, -11.4987, 1.4699

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4820, -31.2966, 4.8393 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(83, 87, 14)` looks like.

```
.text, #text, p{  
    color:rgb(83, 87, 14)  
}
```

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(83, 87, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 87, 14) }
```

Border

The CSS property to change the border of an element to YUV 77.4820, -31.2966, 4.8393 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(83, 87, 14) }
```


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

```
.border{ border-color:rgb(83, 87, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 87, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 87, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 87, 14);  
box-shadow:4px 4px 4px 4px rgb(83, 87, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.4820, -31.2966, 4.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 87, 14) }
```

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

```
.background{ background-color: rgb(83, 87,  
14) }
```

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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