

Converting Colors

YUV(86.1620, 58.0941,
-13.2971)

Have a look what the booklet for
YUV(86.1620, 58.0941, -13.2971)
contains.

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Color

**YUV(86.1620, 58.0941,
-13.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	4747CC
RGB	71, 71, 204
RGB Percent	28%, 28%, 80%
CMY	0.7216, 0.7216, 0.2000
CMYK	0.65, 0.65, 0.00, 0.20
HSL	240°, 57%, 54%
HSV	240°, 65%, 80%
XYZ	15.7509, 10.2057, 58.2665
YIQ	86.1620, -42.6930, 41.3630

Conversions

Conversions Part 2

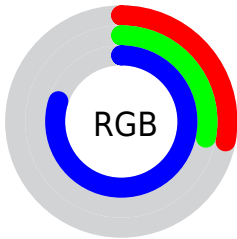
Format	Color
R_{YB}	71, 71, 204
Decimal	4671436
CIE _{Lab}	38.21, 40.98, -68.91
CIE _{LCh}	38, 80.173, 300.737
Yxy	10.2057, 0.1870, 0.1212
Android (android.graphics.Color)	4282861516 (0xFF4747CC)
YUV	86.1620, 58.0941, -13.2971
Hunter-Lab	31.9464, 32.1016, -85.7756

Details

The YUV color **86.1620, 58.0941, -13.2971** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **188.8380, -58.0941, 13.2971**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5760, 56.9040, -4.8902**, and **32.2480, 57.5587, -28.2815** is the 20% darker color. If you saturate the color by 10%, you get **68.4420, 66.8301, -15.2966**, and if you desaturate by 10%, it is **103.8820, 49.3582, -11.2975**.

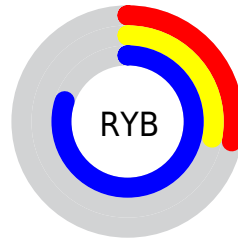
Distribution



Red (28%)

Green (28%)

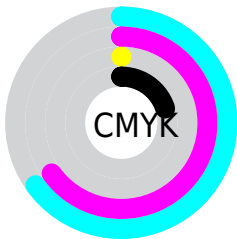
Blue (80%)



Red (28%)

Yellow (28%)

Blue (80%)

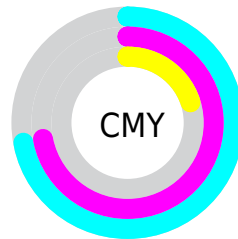


Cyan (65%)

Magenta (65%)

Yellow (0%)

Black (20%)



Cyan (72%)

Magenta (72%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1620, 58.0941, -13.2971 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 86.1620, 58.0941, -13.2971 by changing the saturation by 10% instead.

■ 86.1620, 58.0941,
-13.2971

■ 86.1620, 58.0941,
-13.2971

■ 255.0000, 0.0000,
0.0000

■ 57.2100, 58.5635,
-23.8632

■ 139.5760, 56.9040,
-4.8902

■ 32.2480, 57.5587,
-28.2815

■ 163.8080, 44.9577,
0.1684

■ 18.0170, 51.2636,
-15.8009

■ 188.6270, 32.7219,
4.7121

■ 10.9440, 41.9326,
-9.5979

■ 213.4460, 20.4861,
9.2559

■ 12.7900, 28.6975,
-11.2168

■ 238.8520, 7.9610,
13.2848

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 86.1620, 58.0941,
-13.2971

■ 86.1620, 58.0941,
-13.2971

■ 68.4420, 66.8301,
-15.2966

■ 103.8820, 49.3582,
-11.2975

■ 49.8360, 76.0029,
-17.3962

■ 122.4880, 40.1854,
-9.1980

■ 32.1160, 84.7388,
-19.3957

■ 140.2080, 31.4495,
-7.1984

■ 23.2560, 89.1068,
-20.3955

■ 158.8140, 22.2767,
-5.0989

■ 176.5340, 13.5407,
-3.0993

■ 194.2540, 4.8048,
-1.0998

■ 212.8600, -4.3680,
0.9998

■ 230.5800,
-13.1039, 2.9993

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



83.5350, 68.7562, -73.2602



86.1620, 58.0941, -13.2971



67.0050, 43.3815, 85.9416

Triad

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



86.1620, 58.0941, -13.2971



81.2880, -40.0750, 67.2764



77.1780, 6.3212, -67.6851

Complementary

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



86.1620, 58.0941, -13.2971



188.8380, -58.0941, 13.2971

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.



66.6390, -26.4440, -58.4424



86.1620, 58.0941, -13.2971



84.2470, -41.5338, 21.7084

Square

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



86.1620, 58.0941, -13.2971



60.0020, -15.7770, 114.0082



72.4100, -35.6981, -30.1776



85.2890, 34.8605, -74.7985

Rectangle

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



86.1620, 58.0941, -13.2971



69.6920, 21.3508, 105.5101



72.4100, -35.6981, -30.1776



74.5560, -3.7251, -65.3856

Sweetspot

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



86.1620, 58.0941, -13.2971



209.8140, 22.2767, -5.0989



164.2330, 19.6051, -81.7653



100.5340, 13.5407, -3.0993



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



86.1620, 58.0941, -13.2971



78.6860, 86.9228, -19.8956



106.1950, 48.2179, 27.8930



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



125.9290, 38.4890, 68.4683



138.1870, 57.5888, 102.4450



169.1040, -48.3653, -27.2782



96.1300, 2.8939, 5.1480



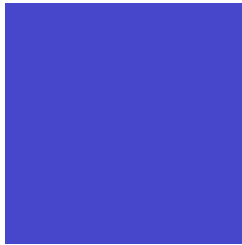
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 86.1620, 58.0941, -13.2971 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 × Fail

Black Background



This preview shows how the YUV color 86.1620, 58.0941, -13.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 86.1620, 58.0941, -13.2971

Background



This preview shows how black text looks on a background with the YUV color 86.1620, 58.0941, -13.2971.

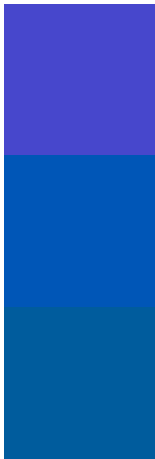


This preview shows how white text looks on a background with the YUV color 86.1620, 58.0941, -13.2971.

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

86.1620, 58.0941, -13.2971

Protanopia

71.3440, 55.0464, -62.5687

Deuteranopia

71.9020, 41.9533, -63.0581



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

86.1620, 58.0941, -13.2971

Protanomaly

77.0950, 56.1552, -44.8103

Deuteranomaly

76.9180, 47.8614, -44.6551

Tritanomaly

76.2050, 32.4369, -44.0298

Monochromacy



Original Color

86.1620, 58.0941, -13.2971

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.4720, 20.9663, -4.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1620, 58.0941, -13.2971 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(71, 71, 204)` looks like.

```
.text, #text, p{  
    color:rgb(71, 71, 204)  
}
```

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(71, 71, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 71, 204) }
```

Border

The CSS property to change the border of an element to YUV 86.1620, 58.0941, -13.2971 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(71, 71, 204) }
```


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

```
.border{ border-color:rgb(71, 71, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 71, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 71, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 71, 204);  
box-shadow:4px 4px 4px 4px rgb(71, 71,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 86.1620, 58.0941, -13.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 71, 204) }
```

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

```
.background{ background-color: rgb(71, 71,  
204) }
```

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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