

Converting Colors

YUV(84.9270, 24.1930,
-13.0910)

Have a look what the booklet for
YUV(84.9270, 24.1930, -13.0910)
contains.

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Color

**YUV(84.9270, 24.1930,
-13.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	465386
RGB	70, 83, 134
RGB Percent	27%, 33%, 53%
CMY	0.7255, 0.6745, 0.4745
CMYK	0.48, 0.38, 0.00, 0.47
HSL	228°, 31%, 40%
HSV	228°, 48%, 53%
XYZ	9.9221, 9.2098, 23.8090
YIQ	84.9270, -24.1190, 13.1050

Conversions

Conversions Part 2

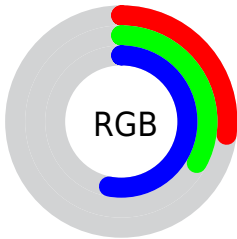
Format	Color
R_{YB}	70, 81, 134
Decimal	4608902
CIE _{Lab}	36.39, 9.63, -30.17
CIE _{LCh}	36, 31.672, 287.701
Yxy	9.2098, 0.2311, 0.2145
Android (android.graphics.Color)	4282798982 (0xFF465386)
YUV	84.9270, 24.1930, -13.0910
Hunter-Lab	30.3477, 5.2517, -25.2720

Details

The YUV color **84.9270, 24.1930, -13.0910** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **119.0730, -24.1930, 13.0910**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3940, 25.9348, -11.7465**, and **37.2530, 23.0463, -18.6389** is the 20% darker color. If you saturate the color by 10%, you get **74.5830, 29.2926, -15.4203**, and if you desaturate by 10%, it is **95.2710, 19.0934, -10.7617**.

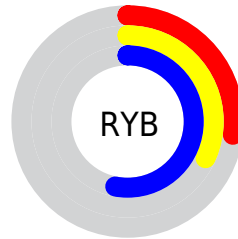
Distribution



Red (27%)

Green (33%)

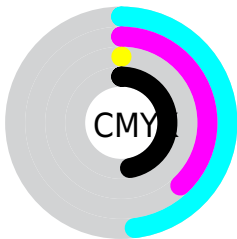
Blue (53%)



Red (27%)

Yellow (32%)

Blue (53%)

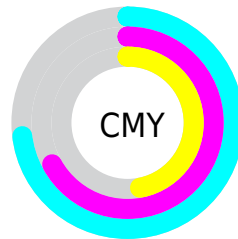


Cyan (48%)

Magenta (38%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (67%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9270, 24.1930, -13.0910 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 84.9270, 24.1930, -13.0910 by changing the saturation by 10% instead.

■ 84.9270, 24.1930,
-13.0910

■ 84.9270, 24.1930,
-13.0910

■ 255.0000, 0.0000,
0.0000

■ 60.6880, 23.3248,
-14.6354

■ 135.3940, 25.9348,
-11.7465

■ 37.2530, 23.0463,
-18.6389

■ 161.8070, 26.2241,
-11.2317

■ 17.9930, 20.7095,
-15.7799

■ 189.0350, 27.0977,
-11.4317

■ 6.0930, 15.7302,
-5.3436

■ 215.0970, 19.6722,
-9.7321

■ 2.2970, 6.2626,
-2.0145

■ 240.2040, 7.2944,
-6.3179

■ 0.0000, 0.0000,
0.0000

■ 84.9270, 24.1930,
-13.0910

■ 84.9270, 24.1930,
-13.0910

■ 74.5830, 29.2926,
-15.4203

■ 95.2710, 19.0934,
-10.7617

■ 64.5270, 34.2502,
-18.8792

■ 105.3270, 14.1358,
-7.3028

■ 54.1830, 39.3498,
-21.2085

■ 115.6710, 9.0362,
-4.9735

■ 43.5400, 44.5968,
-24.1526

■ 126.3140, 3.7892,
-2.0294

■ 33.7830, 49.4070,
-26.9967

■ 136.0710, -1.0210,
0.8147

■ 31.1250, 50.7174,
-27.2966

■ 146.4150, -6.1206,
3.1440

■ 157.0580,
-11.3676, 6.0881

■ 166.8150,

-16.1778, 8.9322

■ 177.4580,
-21.4248, 11.8763

Harmonies

Analogous

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



68.8070, 32.6331, -60.3437



84.9270, 24.1930, -13.0910



88.2250, 15.6651, 15.5887

Triad

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



84.9270, 24.1930, -13.0910



84.9370, -17.7169, 36.0123



67.1580, 3.3731, -55.3896

Complementary

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



84.9270, 24.1930, -13.0910



119.0730, -24.1930, 13.0910

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.



78.5080, -14.0544, -18.8625



84.9270, 24.1930, -13.0910



84.1280, -24.2201, 21.8127

Square

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



84.9270, 24.1930, -13.0910



86.0160, -7.4029, 41.2050



81.9470, -23.1449, 3.5545



68.9260, 15.3195, -60.4481

Rectangle

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



84.9270, 24.1930, -13.0910



87.7770, 8.4909, 30.0136



81.9470, -23.1449, 3.5545



73.3190, -4.1013, -37.9908

Sweetspot

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



84.9270, 24.1930, -13.0910



154.6710, 9.0362, -4.9735



113.2680, 3.3189, -37.9460



75.4710, 5.6838, -3.0441



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



84.9270, 24.1930, -13.0910



97.9120, 37.0184, -20.0938



82.6780, 25.3017, 4.6674



61.2710, 2.3314, -1.1147



30.0820, 49.2596, -26.3819



0.9290, 1.0210, -0.8147

Inverse Universe

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



90.6180, -3.7557, 38.0460



106.5820, -5.7099, 58.2486



121.3220, -25.3017, -4.6674



61.9080, -0.4476, 3.5887



41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 84.9270, 24.1930, -13.0910 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



This preview shows how the YUV color 84.9270, 24.1930, -13.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

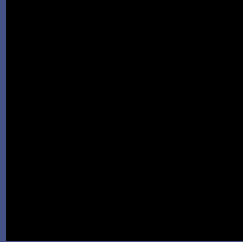
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9270, 24.1930, -13.0910

Background



This preview shows how black text looks on a background with the YUV color 84.9270, 24.1930, -13.0910.



This preview shows how white text looks on a background with the YUV color 84.9270, 24.1930,

-13.0910.

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

84.9270, 24.1930, -13.0910

Protanopia

84.4320, 24.9300, -16.1649

Deuteranopia

82.9970, 24.6515, -20.1684



Tritanopia

82.2300, 7.7746, -20.3727

Trichromacy



Original Color

84.9270, 24.1930, -13.0910

Protanomaly

84.7310, 24.7826, -15.5501

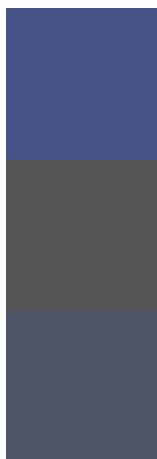
Deuteranomaly

83.6060, 24.3512, -17.1945

Tritanomaly

83.1470, 13.7315, -17.6689

Monochromacy



Original Color

84.9270, 24.1930, -13.0910

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9700, 8.8888, -4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9270, 24.1930, -13.0910 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(70, 83, 134)` looks like.

```
.text, #text, p{  
    color:rgb(70, 83, 134)  
}
```

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(70, 83, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 83, 134) }
```

Border

The CSS property to change the border of an element to YUV 84.9270, 24.1930, -13.0910 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(70, 83, 134) }
```


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

```
.border{ border-color:rgb(70, 83, 134) }
```

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

Here you see how a box with a 4 pixel rgb(70, 83, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 83, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 83, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 83,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 84.9270, 24.1930, -13.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 83, 134) }
```

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

```
.background{ background-color: rgb(70, 83,  
134) }
```

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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