

Converting Colors

YUV(54.7970, 95.2491,
-30.5170)

Have a look what the booklet for
YUV(54.7970, 95.2491, -30.5170)
contains.

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Color

**YUV(54.7970, 95.2491,
-30.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	1423F8
RGB	20, 35, 248
RGB Percent	8%, 14%, 97%
CMY	0.9216, 0.8627, 0.0275
CMYK	0.92, 0.86, 0.00, 0.03
HSL	236°, 94%, 53%
HSV	236°, 92%, 97%
XYZ	17.8328, 8.1281, 89.4359
YIQ	54.7970, -77.3130, 63.0630

Conversions

Conversions Part 2

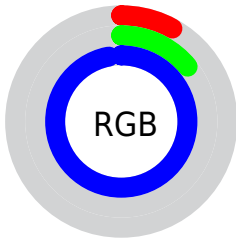
Format	Color
R _Y B	20, 34, 248
Decimal	1319928
CIE Lab	34.25, 69.65, -100.67
CIE LCh	34, 122.416, 304.679
Yxy	8.1281, 0.1545, 0.0704
Android (android.graphics.Color)	4279510008 (0xFF1423F8)
YUV	54.7970, 95.2491, -30.5170
Hunter-Lab	28.5098, 61.7590, -166.0372

Details

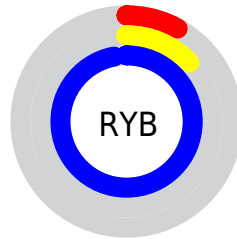
The YUV color **54.7970, 95.2491, -30.5170** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **213.2030, -95.2491, 30.5170**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9050, 68.0808, 3.5913**, and **21.6600, 82.9916, -18.9958** is the 20% darker color. If you saturate the color by 10%, you get **37.6640, 103.6956, -33.0313**, and if you desaturate by 10%, it is **75.7730, 84.9079, -26.9879**.

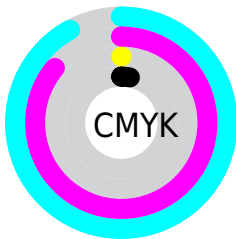
Distribution



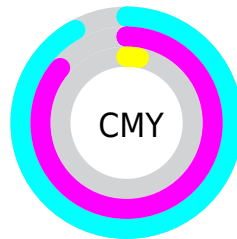
- Red (8%)
- Green (14%)
- Blue (97%)



- Red (8%)
- Yellow (13%)
- Blue (97%)



- Cyan (92%)
- Magenta (86%)
- Yellow (0%)
- Black (3%)



- Cyan (92%)
- Magenta (86%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7970, 95.2491, -30.5170 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 54.7970, 95.2491, -30.5170 by changing the saturation by 10% instead.

■ 54.7970, 95.2491,
-30.5170

■ 54.7970, 95.2491,
-30.5170

255.0000, 0.0000,
0.0000

■ 25.5530, 95.3694,
-22.4100

■ 116.9050, 68.0808,
3.5913

■ 21.6600, 82.9916,
-18.9958

■ 142.6320, 55.3974,
11.7237

■ 18.4680, 70.7613,
-16.1964

■ 168.3480, 42.7194,
18.1118

■ 15.2760, 58.5309,
-13.3971

■ 194.6510, 29.7521,
23.9851

■ 22.2910, 42.2545,
-19.5492

■ 220.9540, 16.7847,
29.8583

■ 15.8050, 32.6341,
-13.8610

■ 237.9770, 8.3923,

■ 10.1340, 23.5979,

14.9292

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 54.7970, 95.2491,
-30.5170

■ 54.7970, 95.2491,
-30.5170

■ 37.6640, 103.6956,
-33.0313

■ 75.7730, 84.9079,
-26.9879

■ 96.7490, 74.5667,
-23.4589

■ 118.0130, 64.0836,
-21.0594

■ 138.9890, 53.7424,
-17.5304

■ 159.9650, 43.4013,
-14.0013

■ 180.9410, 33.0601,
-10.4723

■ 201.9170, 22.7189,
-6.9432

■ 222.5940, 12.5252,
-4.0289

■ 244.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



54.7970, 95.2491, -30.5170



77.9410, 43.9061, 104.4147

Triad

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



54.7970, 95.2491, -30.5170



62.2270, -30.6779, 86.6239



74.8130, 9.9522, -65.6110

Complementary

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



54.7970, 95.2491, -30.5170



213.2030, -95.2491, 30.5170

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.



62.2220, -30.6754, -54.5687



54.7970, 95.2491, -30.5170



74.4350, -36.6965, 10.1425

Square

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



54.7970, 95.2491, -30.5170



63.6870, -31.3977, 130.9475



59.2870, -29.2285, -51.9947



87.7460, 51.8902, -76.9532

Rectangle

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



54.7970, 95.2491, -30.5170



79.6150, 11.5288, 129.2566



59.2870, -29.2285, -51.9947



70.2360, -5.0463, -61.5970

Sweetspot

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



54.7970, 95.2491, -30.5170



194.4420, 29.8551, -9.1576



178.1180, 27.0568, -138.6695



90.7770, 18.3509, -5.9434



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.



54.7970, 95.2491, -30.5170



39.0490, 106.4638, -34.2460



75.5930, 84.9967, 38.0679



114.0690, 5.3890, -1.8145



28.5900, 79.0821, -25.0734



9.3020, 25.4871, -8.1579

Inverse Universe

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



89.8820, -27.0568, 138.6695



78.1830, -30.1632, 155.0685



192.4070, -84.9967, -38.0679



116.0010, -1.4795, 7.8921



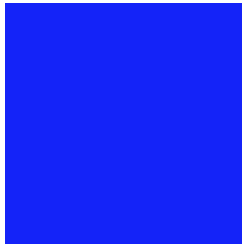
57.8790, -22.6183, 114.9931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 54.7970, 95.2491, -30.5170 looks on a white background.

Color Contrast Check

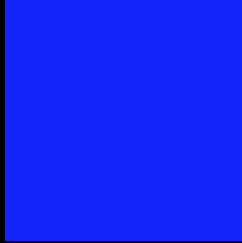
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7970, 95.2491, -30.5170 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 54.7970, 95.2491, -30.5170

Background



This preview shows how black text looks on a background with the YUV color 54.7970, 95.2491, -30.5170.



This preview shows how white text looks on a background with the YUV color 54.7970, 95.2491, -30.5170.

-30.5170.

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

54.7970, 95.2491, -30.5170

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.7520, 36.1113, -55.9105

Trichromacy



Original Color

54.7970, 95.2491, -30.5170

Protanomaly

60.4890, 65.3279, -46.9099

Deuteranomaly

60.4260, 57.4710, -46.8546

Monochromacy



Original Color

54.7970, 95.2491, -30.5170

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9840, 34.5179, -11.3870

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7970, 95.2491, -30.5170 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(20, 35, 248)` looks like.

```
.text, #text, p{  
    color:rgb(20, 35, 248)  
}
```

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(20, 35, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 35, 248) }
```

Border

The CSS property to change the border of an element to YUV 54.7970, 95.2491, -30.5170 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(20, 35, 248) }
```

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

```
.border{ border-color:rgb(20, 35, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 35, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 35, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 35, 248);  
box-shadow:4px 4px 4px 4px rgb(20, 35,  
248) }
```


Background

The CSS property to change the background color of an element to YUV 54.7970, 95.2491, -30.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 35, 248) }
```

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

```
.background{ background-color: rgb(20, 35,  
248) }
```

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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