

Converting Colors

YUV(79.5830, 79.5786,
-44.3613)

Have a look what the booklet for
YUV(79.5830, 79.5786, -44.3613)
contains.

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Color

**YUV(79.5830, 79.5786,
-44.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4AF1
RGB	29, 74, 241
RGB Percent	11%, 29%, 95%
CMY	0.8863, 0.7098, 0.0549
CMYK	0.88, 0.69, 0.00, 0.05
HSL	227°, 88%, 53%
HSV	227°, 88%, 95%
XYZ	18.8327, 11.5096, 84.4481
YIQ	79.5830, -80.4270, 42.3970

Conversions

Conversions Part 2

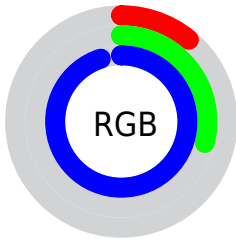
Format	Color
R_{YB}	29, 66, 241
Decimal	1919729
CIE _{Lab}	40.43, 48.28, -86.47
CIE _{LCh}	40, 99.034, 299.176
Yxy	11.5096, 0.1641, 0.1003
Android (android.graphics.Color)	4280109809 (0xFF1D4AF1)
YUV	79.5830, 79.5786, -44.3613
Hunter-Lab	33.9259, 39.7172, -123.8362

Details

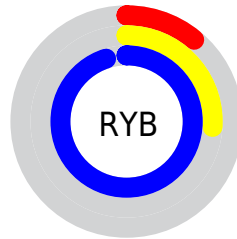
The YUV color **79.5830, 79.5786, -44.3613** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **190.4170, -79.5786, 44.3613**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5530, 58.3944, -16.2710**, and **38.4720, 71.2523, -33.7399** is the 20% darker color. If you saturate the color by 10%, you get **61.2540, 88.6148, -49.3348**, and if you desaturate by 10%, it is **97.9120, 70.5424, -39.3878**.

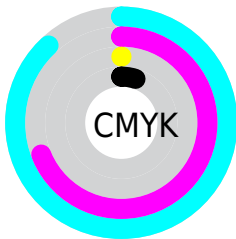
Distribution



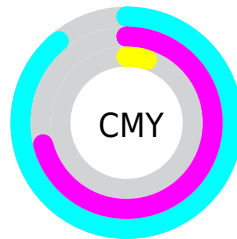
- Red (11%)
- Green (29%)
- Blue (95%)



- Red (11%)
- Yellow (26%)
- Blue (95%)



- Cyan (88%)
- Magenta (69%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (71%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5830, 79.5786, -44.3613 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 79.5830, 79.5786, -44.3613 by changing the saturation by 10% instead.

■ 79.5830, 79.5786,
-44.3613

■ 79.5830, 79.5786,
-44.3613

255.0000, 0.0000,
0.0000

■ 54.1050, 77.8422,
-47.4501

■ 136.5530, 58.3944,
-16.2710

■ 38.4720, 71.2523,
-33.7399

■ 161.9810, 45.8584,
-8.7533

■ 24.8280, 64.6678,
-21.7742

■ 187.3980, 33.3278,
-2.9800

■ 14.7060, 56.3469,
-12.8972

■ 212.8150, 20.7972,
2.7932

■ 18.6720, 41.0807,
-16.3753

■ 239.4060, 7.6878,
7.5369

■ 14.6480, 30.7395,
-12.8463

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 79.5830, 79.5786,
-44.3613

■ 79.5830, 79.5786,
-44.3613

■ 61.2540, 88.6148,
-49.3348

■ 97.9120, 70.5424,
-39.3878

■ 57.4110, 90.5094,
-50.3494

■ 116.2410, 61.5062,
-34.4144

■ 134.5700, 52.4700,
-29.4409

■ 152.8990, 43.4338,
-24.4674

■ 171.2280, 34.3976,
-19.4940

■ 189.8560, 25.2140,
-13.9057

■ 208.1850, 16.1778,
-8.9322

■ 226.5140, 7.1416,
-3.9588

■ 244.8430, -1.8946,
1.0147

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



79.5830, 79.5786, -44.3613



75.2370, 51.6482, 94.5082

Triad

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



79.5830, 79.5786, -44.3613



81.1100, -39.9872, 85.8495



82.5750, 4.1535, -72.4183

Complementary

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



79.5830, 79.5786, -44.3613



190.4170, -79.5786, 44.3613

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.



70.4400, -34.7269, -61.7759



79.5830, 79.5786, -44.3613



89.5850, -44.1654, 25.7970

Square

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



79.5830, 79.5786, -44.3613



67.8040, -22.0884, 131.7219



70.8270, -34.9177, -47.2063



93.2110, 39.8290, -81.7460

Rectangle

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



79.5830, 79.5786, -44.3613



79.1760, 24.0702, 119.9946



70.8270, -34.9177, -47.2063



78.6820, -8.2242, -69.0041

Sweetspot

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



79.5830, 79.5786, -44.3613



204.7420, 24.7772, -13.8057



172.3680, 11.1576, -125.7337



97.2560, 15.1568, -8.1175



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.



79.5830, 79.5786, -44.3613



60.7680, 95.7564, -53.2935



71.1080, 83.7568, 15.6913



110.5420, 4.6628, -2.2293



43.8690, 69.0846, -38.4731



13.4280, 20.9880, -11.7764

Inverse Universe

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



97.5180, -11.5944, 125.8337



82.4010, -14.0017, 151.3693



198.8920, -83.7568, -15.6913



111.8160, -0.8953, 7.1774



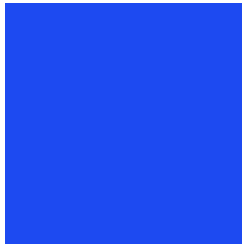
59.4620, -10.0878, 109.2198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 79.5830, 79.5786, -44.3613 looks on a white background.

Color Contrast Check

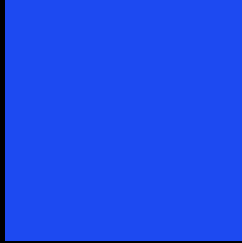
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.5830, 79.5786, -44.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

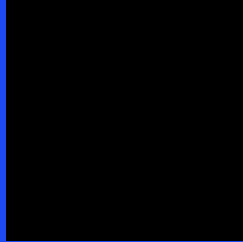
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5830, 79.5786, -44.3613

Background



This preview shows how black text looks on a background with the YUV color 79.5830, 79.5786, -44.3613.



This preview shows how white text looks on a background with the YUV color 79.5830, 79.5786,

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

79.5830, 79.5786, -44.3613

Protanopia

75.3050, 57.5306, -66.0425

Deuteranopia

75.6350, 43.5639, -66.3319



Tritanopia

74.2890, 18.0985, -65.1515

Trichromacy



Original Color

79.5830, 79.5786, -44.3613

Protanomaly

77.1240, 65.5079, -57.9907

Deuteranomaly

77.4200, 56.4879, -58.2503

Tritanomaly

76.4790, 40.1899, -57.4251

Monochromacy



Original Color

79.5830, 79.5786, -44.3613

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8710, 29.1506, -16.5499

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5830, 79.5786, -44.3613 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(29, 74, 241)` looks like.

```
.text, #text, p{  
    color:rgb(29, 74, 241)  
}
```

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(29, 74, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 74, 241) }
```

Border

The CSS property to change the border of an element to YUV 79.5830, 79.5786, -44.3613 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(29, 74, 241) }
```


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

```
.border{ border-color:rgb(29, 74, 241) }
```

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

Here you see how a box with a 4 pixel rgb(29, 74, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 74, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 74, 241);  
box-shadow:4px 4px 4px 4px rgb(29, 74,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 79.5830, 79.5786, -44.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 74, 241) }
```

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

```
.background{ background-color: rgb(29, 74,  
241) }
```

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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