

Converting Colors

YUV(95.6280, 61.3154,
-19.8448)

Have a look what the booklet for
YUV(95.6280, 61.3154, -19.8448)
contains.

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Color

**YUV(95.6280, 61.3154,
-19.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	4953DC
RGB	73, 83, 220
RGB Percent	29%, 33%, 86%
CMY	0.7137, 0.6745, 0.1373
CMYK	0.67, 0.62, 0.00, 0.14
HSL	236°, 68%, 57%
HSV	236°, 67%, 86%
XYZ	18.7592, 12.7703, 69.1863
YIQ	95.6280, -49.9370, 40.4870

Conversions

Conversions Part 2

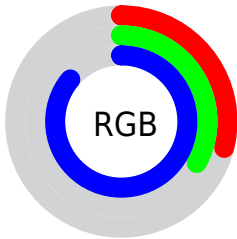
Format	Color
R _Y B	73, 82, 220
Decimal	4805596
CIE Lab	42.42, 39.32, -71.23
CIE LCh	42, 81.361, 298.903
Yxy	12.7703, 0.1863, 0.1268
Android (android.graphics.Color)	4282995676 (0xFF4953DC)
YUV	95.6280, 61.3154, -19.8448
Hunter-Lab	35.7355, 31.1654, -89.7744

Details

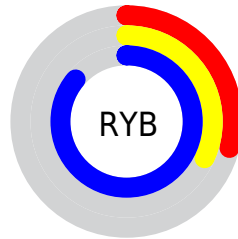
The YUV color **95.6280, 61.3154, -19.8448** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **197.3720, -61.3154, 19.8448**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1040, 52.6997, -9.7382**, and **41.0020, 60.6380, -35.9588** is the 20% darker color. If you saturate the color by 10%, you get **76.7230, 70.6356, -22.5591**, and if you desaturate by 10%, it is **114.5330, 51.9952, -17.1304**.

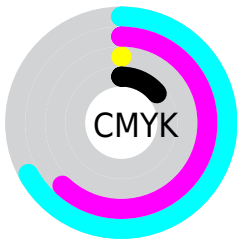
Distribution



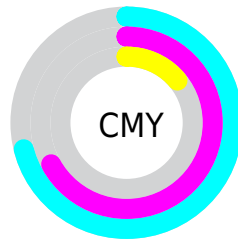
- Red (29%)
- Green (33%)
- Blue (86%)



- Red (29%)
- Yellow (32%)
- Blue (86%)



- Cyan (67%)
- Magenta (62%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (67%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6280, 61.3154, -19.8448 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 95.6280, 61.3154, -19.8448 by changing the saturation by 10% instead.

■ 95.6280, 61.3154,
-19.8448

■ 95.6280, 61.3154,
-19.8448

255.0000, 0.0000,
0.0000

■ 66.0780, 62.0795,
-31.6404

■ 148.1040, 52.6997,
-9.7382

■ 41.0020, 60.6380,
-35.9588

■ 172.6350, 40.6059,
-4.0649

■ 26.1840, 54.6323,
-22.9634

■ 197.4540, 28.3702,
0.4788

■ 12.5400, 48.0478,
-10.9976

■ 223.1590, 15.6976,
5.1226

■ 13.7990, 35.1021,
-12.1017

■ 247.3690, 3.7621,
6.6924

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 95.6280, 61.3154,
-19.8448

■ 95.6280, 61.3154,
-19.8448

■ 76.7230, 70.6356,
-22.5591

■ 114.5330, 51.9952,
-17.1304

■ 58.4050, 79.6663,
-25.7882

■ 132.8510, 42.9645,
-13.9013

■ 39.5000, 88.9865,
-28.5025

■ 151.7560, 33.6443,
-11.1870

■ 33.8850, 91.7547,
-29.7171

■ 170.0740, 24.6135,
-7.9579

■ 188.9790, 15.2934,
-5.2436

■ 207.2970, 6.2626,
-2.0145

■ 226.2020, -3.0576,
0.6998

■ 244.5200,
-12.0884, 3.9290

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



92.1750, 71.3987, -80.8375



95.6280, 61.3154, -19.8448



87.3690, 41.2301, 75.9754

Triad

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



95.6280, 61.3154, -19.8448



90.4800, -44.6066, 74.1240



84.9060, 5.4693, -74.4626

Complementary

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



95.6280, 61.3154, -19.8448



197.3720, -61.3154, 19.8448

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.



73.5520, -27.8801, -64.5051



95.6280, 61.3154, -19.8448



94.3140, -46.4968, 26.9116

Square

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



95.6280, 61.3154, -19.8448



66.1540, -12.8939, 122.6449



83.6620, -41.2454, -24.2596



93.2450, 34.8822, -81.7759

Rectangle

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



95.6280, 61.3154, -19.8448



75.2890, 25.9865, 112.0025



83.6620, -41.2454, -24.2596



81.5830, -4.7244, -71.5483

Sweetspot

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



95.6280, 61.3154, -19.8448



211.5750, 21.4085, -6.6433



174.6790, 16.4273, -89.1725



101.7080, 12.9620, -4.1289



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.



95.6280, 61.3154, -19.8448



82.4740, 85.0553, -27.6027



107.9970, 55.2175, 22.8046



100.2540, 4.8048, -1.0998



26.7660, 72.0934, -23.4738



7.0050, 19.2245, -6.1434

Inverse Universe

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



118.0930, -17.3008, 89.3724



113.5920, -23.9559, 124.0148



185.0030, -55.2175, -22.8046



102.2890, -1.6215, 6.7625



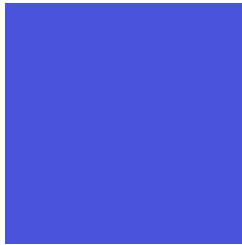
53.0950, -20.2598, 105.1567



14.0960, -5.4703, 27.9798

Previews

White Background



This preview shows how the YUV color 95.6280, 61.3154, -19.8448 looks on a white background.

Color Contrast Check

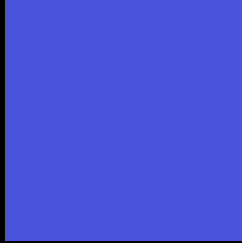
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.6280, 61.3154, -19.8448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

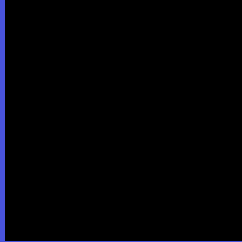
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6280, 61.3154, -19.8448

Background



This preview shows how black text looks on a background with the YUV color 95.6280, 61.3154, -19.8448.



This preview shows how white text looks on a background with the YUV color 95.6280, 61.3154,

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

95.6280, 61.3154, -19.8448

Protanopia

79.4940, 60.8885, -69.7162

Deuteranopia

79.8240, 46.9218, -70.0056



Tritanopia

78.1360, 20.1460, -68.5253

Trichromacy



Original Color

95.6280, 61.3154, -19.8448

Protanomaly

85.3160, 60.9762, -51.1431

Deuteranomaly

85.6120, 51.9563, -51.4027

Tritanomaly

84.5570, 35.2214, -50.4775

Monochromacy



Original Color

95.6280, 61.3154, -19.8448

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8030, 22.2821, -6.8432

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6280, 61.3154, -19.8448 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(73, 83, 220)` looks like.

```
.text, #text, p{  
    color:rgb(73, 83, 220)  
}
```

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(73, 83, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 83, 220) }
```

Border

The CSS property to change the border of an element to YUV 95.6280, 61.3154, -19.8448 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(73, 83, 220) }
```


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

```
.border{ border-color:rgb(73, 83, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 83, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 83, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 83, 220);  
box-shadow:4px 4px 4px 4px rgb(73, 83,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 95.6280, 61.3154, -19.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 83, 220) }
```

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

```
.background{ background-color: rgb(73, 83,  
220) }
```

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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