

Converting Colors

YUV(93.1950, 71.3889,
-30.8660)

Have a look what the booklet for
YUV(93.1950, 71.3889, -30.8660)
contains.

YUV(93.1950, 71.3889, -30.8660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.1950, 71.3889,
-30.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	3A53EE
RGB	58, 83, 238
RGB Percent	23%, 33%, 93%
CMY	0.7725, 0.6745, 0.0667
CMYK	0.76, 0.65, 0.00, 0.07
HSL	232°, 84%, 58%
HSV	232°, 76%, 93%
XYZ	20.2708, 13.2591, 82.3798
YIQ	93.1950, -64.6550, 42.9050

Conversions

Conversions Part 2

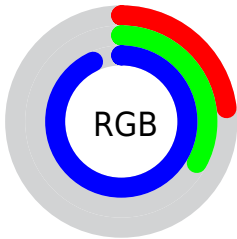
Format	Color
R _Y B	58, 80, 238
Decimal	3822574
CIE _{Lab}	43.15, 43.77, -80.26
CIE _{LCh}	43, 91.417, 298.606
Y _{xy}	13.2591, 0.1749, 0.1144
Android (android.graphics.Color)	4282012654 (0xFF3A53EE)
Y _{UV}	93.1950, 71.3889, -30.8660
Hunter-Lab	36.4130, 35.6464, -108.6468

Details

The YUV color **93.1950, 71.3889, -30.8660** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **202.8050, -71.3889, 30.8660**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3100, 53.5842, -13.4269**, and **42.9400, 68.0636, -37.6584** is the 20% darker color. If you saturate the color by 10%, you get **74.2790, 80.7145, -35.3247**, and if you desaturate by 10%, it is **112.1110, 62.0633, -26.4073**.

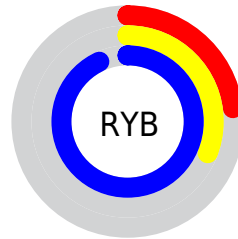
Distribution



Red (23%)

Green (33%)

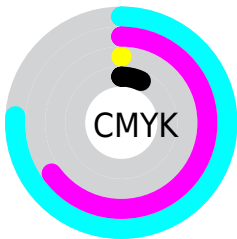
Blue (93%)



Red (23%)

Yellow (31%)

Blue (93%)

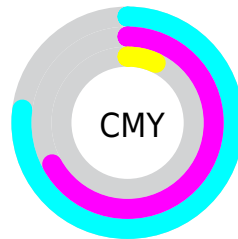


Cyan (76%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1950, 71.3889, -30.8660 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 93.1950, 71.3889, -30.8660 by changing the saturation by 10% instead.

■ 93.1950, 71.3889,
-30.8660

■ 93.1950, 71.3889,
-30.8660

255.0000, 0.0000,
0.0000

■ 59.0460, 73.9273,
-51.7833

■ 146.3100, 53.5842,
-13.4269

■ 42.9400, 68.0636,
-37.6584

■ 171.1400, 41.3430,
-7.1388

■ 28.5950, 61.3317,
-25.0778

■ 196.2580, 28.9598,
-1.9803

■ 14.3640, 55.0365,
-12.5972

■ 222.2620, 16.1398,
3.2782

■ 14.3350, 42.2328,
-12.5718

■ 247.3690, 3.7621,
6.6924

■ 13.8330, 30.1553,
-12.1315

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 93.1950, 71.3889,
-30.8660

■ 93.1950, 71.3889,
-30.8660

■ 74.2790, 80.7145,
-35.3247

■ 112.1110, 62.0633,
-26.4073

■ 54.7760, 90.3294,
-39.2686

■ 131.6140, 52.4483,
-22.4635

■ 46.5030, 94.4080,
-40.7831

■ 150.2310, 43.2701,
-18.6196

■ 169.7340, 33.6551,
-14.6757

■ 188.6500, 24.3295,
-10.2171

■ 208.1530, 14.7146,
-6.2732

■ 227.0690, 5.3890,
-1.8145

■ 246.2730, -4.0786,
1.5146

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



93.1950, 71.3889, -30.8660



75.7640, 52.3743, 94.9230

Triad

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



93.1950, 71.3889, -30.8660



90.2360, -44.4863, 82.2310



87.2540, 4.3118, -76.5218

Complementary

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



93.1950, 71.3889, -30.8660



202.8050, -71.3889, 30.8660

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.



73.9620, -36.4633, -64.8647



93.1950, 71.3889, -30.8660



95.7980, -47.2284, 28.2412

Square

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



93.1950, 71.3889, -30.8660



69.5850, -16.5574, 131.0370



82.7320, -40.7869, -31.3370



96.7330, 38.0926, -84.8348

Rectangle

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



93.1950, 71.3889, -30.8660



79.8600, 26.6910, 119.3948



82.7320, -40.7869, -31.3370



83.5890, -7.1924, -73.3076

Sweetspot

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



93.1950, 71.3889, -30.8660



207.4220, 23.4560, -10.0171



181.1020, 14.7397, -107.9605



99.0390, 14.2778, -6.1732



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.



93.1950, 71.3889, -30.8660



68.2320, 92.0766, -39.6685



97.3570, 69.3370, 20.7349



110.5420, 4.6628, -2.2293



36.2380, 72.8467, -31.7807



11.0800, 22.1456, -9.7172

Inverse Universe

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



114.6700, -15.6133, 108.1604



96.0160, -20.2209, 139.4290



198.6430, -69.3370, -20.7349



111.8160, -0.8953, 7.1774



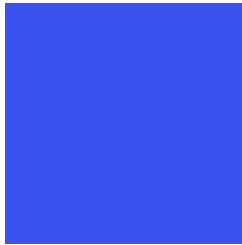
57.9800, -15.7661, 110.5195



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 93.1950, 71.3889, -30.8660 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 93.1950, 71.3889, -30.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

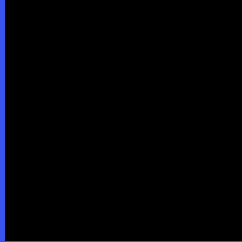
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1950, 71.3889, -30.8660

Background



This preview shows how black text looks on a background with the YUV color 93.1950, 71.3889, -30.8660.



This preview shows how white text looks on a background with the YUV color 93.1950, 71.3889,

-30.8660.

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

93.1950, 71.3889, -30.8660

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

81.1120, 46.7798, -71.1352



Tritanopia

79.3100, 19.5672, -69.5549

Trichromacy



Original Color

93.1950, 71.3889, -30.8660

Protanomaly

85.1350, 65.5024, -56.2464

Deuteranomaly

85.3170, 56.0457, -56.4060

Tritanomaly

84.0340, 38.4372, -55.2808

Monochromacy



Original Color

93.1950, 71.3889, -30.8660

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8070, 26.2241, -11.2317

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1950, 71.3889, -30.8660 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(58, 83, 238)` looks like.

```
.text, #text, p{  
    color:rgb(58, 83, 238)  
}
```

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(58, 83, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 83, 238) }
```

Border

The CSS property to change the border of an element to YUV 93.1950, 71.3889, -30.8660 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(58, 83, 238) }
```


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

```
.border{ border-color:rgb(58, 83, 238) }
```

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

Here you see how a box with a 4 pixel rgb(58, 83, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 83, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 83, 238);  
box-shadow:4px 4px 4px 4px rgb(58, 83,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 93.1950, 71.3889, -30.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 83, 238) }
```

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

```
.background{ background-color: rgb(58, 83,  
238) }
```

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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