

Converting Colors

YUV(19.5930, 71.1927,
-14.5521)

Have a look what the booklet for
YUV(19.5930, 71.1927, -14.5521)
contains.

YUV(19.5930, 71.1927, -14.5521)	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>	30

Color

**YUV(19.5930, 71.1927,
-14.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	0300A4
RGB	3, 0, 164
RGB Percent	1%, 0%, 64%
CMY	0.9882, 1.0000, 0.3569
CMYK	0.98, 1.00, 0.00, 0.36
HSL	241°, 100%, 32%
HSV	241°, 100%, 64%
XYZ	6.7384, 2.6997, 35.2879
YIQ	19.5930, -50.8560, 51.6400

Conversions

Conversions Part 2

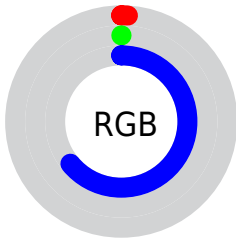
Format	Color
RYB	3, 0, 164
Decimal	196772
CIELab	18.80, 56.94, -77.38
CIELCh	19, 96.075, 306.350
Yxy	2.6997, 0.1507, 0.0604
Android (android.graphics.Color)	4278386852 (0xFF0300A4)
YUV	19.5930, 71.1927, -14.5521
Hunter-Lab	16.4307, 44.4506, -115.8341

Details

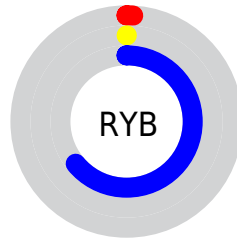
The YUV color **19.5930, 71.1927, -14.5521** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **144.4070, -71.1927, 14.5521**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.0580, 66.0334, 6.9651**, and **12.6540, 48.4846, -11.0976** is the 20% darker color. If you saturate the color by 10%, you get **19.5930, 71.1927, -14.5521**, and if you desaturate by 10%, it is **33.7690, 64.2039, -12.9524**.

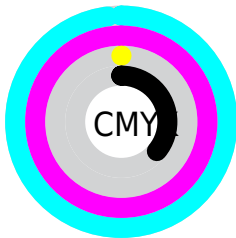
Distribution



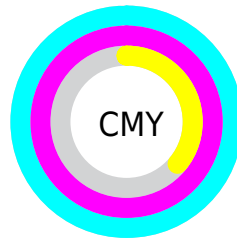
- Red (1%)
- Green (0%)
- Blue (64%)



- Red (1%)
- Yellow (0%)
- Blue (64%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (99%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.5930, 71.1927, -14.5521 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 19.5930, 71.1927, -14.5521 by changing the saturation by 10% instead.

■ 19.5930, 71.1927,
-14.5521

■ 19.5930, 71.1927,
-14.5521

■ 250.3040, 2.3151,
4.1184

■ 15.6180, 59.8413,
-13.6970

■ 87.0580, 66.0334,
6.9651

■ 12.6540, 48.4846,
-11.0976

■ 114.3080, 66.8962,
10.2539

■ 12.6250, 35.6809,
-11.0721

■ 139.4090, 56.9864,
15.4273

■ 10.4760, 24.9083,
-9.1875

■ 164.2280, 44.7506,
19.9710

■ 5.5060, 16.0195,
-4.8288

■ 189.3460, 32.3674,
25.1296

■ 2.2970, 6.2626,
-2.0145

■ 214.4640, 19.9842,

■ 0.0000, 0.0000,

30.2881

0.0000

■ 233.2810, 10.7075,
19.0476

■ 19.5930, 71.1927,
-14.5521

■ 33.7690, 64.2039,
-12.9524

■ 48.5320, 56.9257,
-11.8676

■ 62.7080, 49.9370,
-10.2679

■ 77.4710, 42.6588,
-9.1831

■ 91.9460, 35.5226,
-6.9686

■ 106.1220, 28.5339,
-5.3690

■ 120.8850, 21.2557,
-4.2841

■ 135.0610, 14.2669,
-2.6845

■ 149.8240, 6.9888,
-1.5996

Harmonies

Analogous

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



55.5750, 68.2435, -48.7393



19.5930, 71.1927, -14.5521



51.0250, 26.1167, 70.1381

Triad

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



19.5930, 71.1927, -14.5521



31.9490, -15.7509, 58.8037



44.9950, 7.3975, -39.4606

Complementary

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



19.5930, 71.1927, -14.5521



144.4070, -71.1927, 14.5521

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.



37.5680, -18.5210, -32.9471



19.5930, 71.1927, -14.5521



41.9190, -20.6661, 1.8250

Square

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



19.5930, 71.1927, -14.5521



40.6640, -20.0474, 83.6097



35.2200, -17.3635, -30.8879



55.3230, 36.8158, -48.5183

Rectangle

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



19.5930, 71.1927, -14.5521



51.4620, 3.2232, 86.4178



35.2200, -17.3635, -30.8879



41.5580, -3.2331, -36.4464

Sweetspot

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



19.5930, 71.1927, -14.5521



157.5950, 27.8077, -5.7838



113.2030, 25.0429, -99.2790



73.3320, 16.5983, -3.7992



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



19.5930, 71.1927, -14.5521



25.5920, 92.8851, -18.9362



44.1110, 59.1053, 35.8597



74.3250, 3.7838, -0.2850



17.4270, 62.8935, -12.6525



2.0520, 7.8624, -1.7996

Inverse Universe

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



67.3900, 46.1497, 84.7270



87.9260, 60.1825, 110.5669



119.8890, -59.1053, -35.8597



76.6030, 2.1677, 4.7332



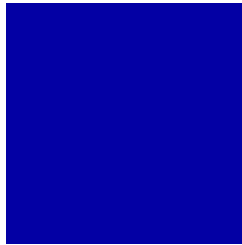
59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 19.5930, 71.1927, -14.5521 looks on a white background.

Color Contrast Check

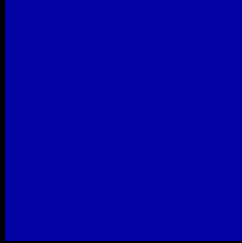
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5930, 71.1927, -14.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

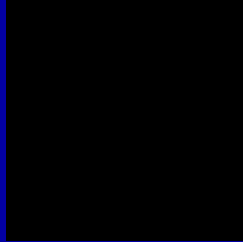
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.5930, 71.1927, -14.5521

Background



This preview shows how black text looks on a background with the YUV color 19.5930, 71.1927, -14.5521.



This preview shows how white text looks on a background with the YUV color 19.5930, 71.1927, -14.5521.

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



Protanopia

39.5760, 29.7890, -34.7082

Deuteranopia

39.6270, 22.3689, -34.7529

Tritanopia

38.8970, 9.4178, -34.1127

Trichromacy



Protanomaly

32.5180, 44.6076, -27.6413

Deuteranomaly

32.0790, 40.3871, -27.2563

Tritanomaly

31.9020, 32.0933, -27.1011

Monochromacy



Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0250, 25.6237, -5.2839

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.5930, 71.1927, -14.5521 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(3, 0, 164)` looks like.

```
.text, #text, p{  
    color:rgb(3, 0, 164)  
}
```

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(3, 0, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 0, 164) }
```

Border

The CSS property to change the border of an element to YUV 19.5930, 71.1927, -14.5521 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(3, 0, 164) }
```

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

```
.border{ border-color:rgb(3, 0, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 0, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 0, 164); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 0, 164); box-shadow:4px  
4px 4px 4px rgb(3, 0, 164) }
```


Background

The CSS property to change the background color of an element to YUV 19.5930, 71.1927, -14.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 0, 164) }
```

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

```
.background{ background-color: rgb(3, 0,  
164) }
```

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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