

Converting Colors

YUV(69.5730, 91.4155,
-61.0155)

Have a look what the booklet for
YUV(69.5730, 91.4155, -61.0155)
contains.

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Color

**YUV(69.5730, 91.4155,
-61.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	0045FF
RGB	0, 69, 255
RGB Percent	0%, 27%, 100%
CMY	1.0000, 0.7294, 0.0000
CMYK	1.00, 0.73, 0.00, 0.00
HSL	224°, 100%, 50%
HSV	224°, 100%, 100%
XYZ	20.1781, 11.4762, 95.7594
YIQ	69.5730, -100.8300, 43.2180

Conversions

Conversions Part 2

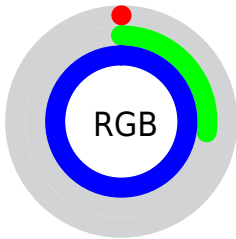
Format	Color
R _Y B	0, 54, 255
Decimal	17919
CIE Lab	40.37, 55.30, -94.43
CIE LCh	40, 109.426, 300.353
Yxy	11.4762, 0.1584, 0.0901
Android (android.graphics.Color)	4278207999 (0xFF0045FF)
YUV	69.5730, 91.4155, -61.0155
Hunter-Lab	33.8766, 47.0369, -143.8821

Details

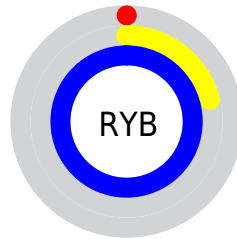
The YUV color **69.5730, 91.4155, -61.0155** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **185.4270, -91.4155, 61.0155**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3190, 59.9887, -14.3118**, and **37.1330, 78.8144, -32.5656** is the 20% darker color. If you saturate the color by 10%, you get **69.5730, 91.4155, -61.0155**, and if you desaturate by 10%, it is **88.2010, 82.2319, -55.4273**.

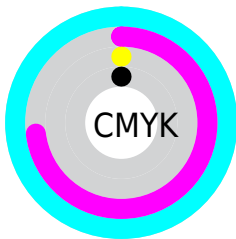
Distribution



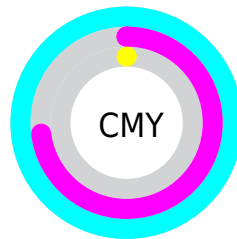
- Red (0%)
- Green (27%)
- Blue (100%)



- Red (0%)
- Yellow (21%)
- Blue (100%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5730, 91.4155, -61.0155 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 69.5730, 91.4155, -61.0155 by changing the saturation by 10% instead.

■ 69.5730, 91.4155,
-61.0155

■ 69.5730, 91.4155,
-61.0155

255.0000, 0.0000,
0.0000

■ 52.7660, 85.4044,
-46.2758

■ 133.3190, 59.9887,
-14.3118

■ 37.1330, 78.8144,
-32.5656

■ 159.0460, 47.3053,
-6.1793

■ 22.6740, 71.6457,
-19.8851

■ 184.7620, 34.6273,
0.2087

■ 16.0740, 61.5885,
-14.0969

■ 211.0650, 21.6600,
6.0820

■ 19.4530, 46.6117,
-17.0603

■ 237.3680, 8.6926,
11.9553

■ 17.6630, 34.6761,
-15.4905

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 69.5730, 91.4155,
-61.0155

■ 88.2010, 82.2319,
-55.4273

■ 106.5410, 73.1903,
-48.7095

■ 125.4680, 63.8593,
-42.5064

■ 143.5090, 54.9651,
-36.4034

■ 162.4360, 45.6341,
-30.2004

■ 181.0640, 36.4504,
-24.6121

■ 199.4040, 27.4088,
-17.8943

■ 218.0320, 18.2252,
-12.3061

■ 236.3720, 9.1836,
-5.5882

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



69.5730, 91.4155, -61.0155



79.2100, 52.6475, 100.6708

Triad

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



69.5730, 91.4155, -61.0155



78.4850, -38.6931, 90.7827



83.5040, 5.1745, -73.2330

Complementary

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



69.5730, 91.4155, -61.0155



185.4270, -91.4155, 61.0155

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.



71.0270, -35.0163, -62.2907



69.5730, 91.4155, -61.0155



89.2750, -44.0126, 23.4378

Square

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



69.5730, 91.4155, -61.0155



69.1270, -28.6566, 138.4546



66.3310, -32.7012, -58.1723



95.6390, 44.0550, -83.8754

Rectangle

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



69.5730, 91.4155, -61.0155



83.0630, 22.1539, 127.9867



66.3310, -32.7012, -58.1723



79.8560, -8.8030, -70.0337

Sweetspot

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



69.5730, 91.4155, -61.0155



199.4040, 27.4088, -17.8943



170.5470, 6.1393, -149.5697



94.2880, 16.6200, -10.7766



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.



69.5730, 91.4155, -61.0155



45.5150, 103.2761, 8.3183



118.2430, 4.8102, -2.8441



52.2980, 68.3801, -45.8653



17.2750, 23.0354, -15.1502

Inverse Universe

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



84.1110, -7.4497, 149.8697



209.4850, -103.2761, -8.3183



119.2290, -0.6059, 7.6922



63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 69.5730, 91.4155, -61.0155 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 69.5730, 91.4155, -61.0155 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 69.5730, 91.4155, -61.0155

Background



This preview shows how black text looks on a background with the YUV color 69.5730, 91.4155, -61.0155.



This preview shows how white text looks on a background with the YUV color 69.5730, 91.4155, -61.0155.

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

69.5730, 91.4155, -61.0155

Protanopia

75.1910, 57.0938, -65.9425

Deuteranopia

75.5210, 43.1271, -66.2319

Trichromacy



Original Color

69.5730, 91.4155, -61.0155

Protanomaly

73.1170, 69.4553, -64.1236

Deuteranomaly

73.4130, 60.4354, -64.3832

Monochromacy



Original Color

69.5730, 91.4155, -61.0155

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1630, 32.9506, -22.0680

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5730, 91.4155, -61.0155 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(0, 69, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 255)  
}
```

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(0, 69, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 255) }
```

Border

The CSS property to change the border of an element to YUV 69.5730, 91.4155, -61.0155 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(0, 69, 255) }
```

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

```
.border{ border-color:rgb(0, 69, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.5730, 91.4155, -61.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 255) }
```

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

```
.background{ background-color: rgb(0, 69,  
255) }
```

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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