

Converting Colors

YUV(73.0030, 69.0185,
-64.0236)

Have a look what the booklet for
YUV(73.0030, 69.0185, -64.0236)
contains.

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Color

**YUV(73.0030, 69.0185,
-64.0236)**

Conversions

Conversions Part 1

Format	Color
Hex	0053D5
RGB	0, 83, 213
RGB Percent	0%, 33%, 84%
CMY	1.0000, 0.6745, 0.1647
CMYK	1.00, 0.61, 0.00, 0.16
HSL	217°, 100%, 42%
HSV	217°, 100%, 84%
XYZ	15.1035, 10.9906, 64.2761
YIQ	73.0030, -91.1980, 22.8340

Conversions

Conversions Part 2

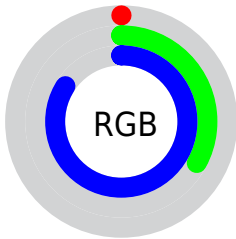
Format	Color
R_{YB}	0, 60, 213
Decimal	21461
CIE _{Lab}	39.56, 31.32, -71.97
CIE _{LCh}	40, 78.492, 293.516
Yxy	10.9906, 0.1671, 0.1216
Android (android.graphics.Color)	4278211541 (0xFF0053D5)
YUV	73.0030, 69.0185, -64.0236
Hunter-Lab	33.1521, 23.3052, -91.7466

Details

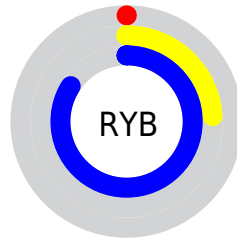
The YUV color **73.0030, 69.0185, -64.0236** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **139.9970, -69.0185, 64.0236**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3510, 58.0010, -30.1258**, and **41.3780, 57.0016, -36.2885** is the 20% darker color. If you saturate the color by 10%, you get **73.0030, 69.0185, -64.0236**, and if you desaturate by 10%, it is **86.9130, 62.1609, -57.8057**.

Distribution



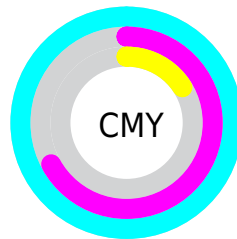
- Red (0%)
- Green (33%)
- Blue (84%)



- Red (0%)
- Yellow (24%)
- Blue (84%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.0030, 69.0185, -64.0236 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 73.0030, 69.0185, -64.0236 by changing the saturation by 10% instead.

■ 73.0030, 69.0185,
-64.0236

■ 73.0030, 69.0185,
-64.0236

■ 255.0000, 0.0000,
0.0000

■ 56.8970, 63.1548,
-49.8987

■ 137.3510, 58.0010,
-30.1258

■ 41.3780, 57.0016,
-36.2885

■ 162.1810, 45.7598,
-23.8377

■ 27.7340, 50.4171,
-24.3227

■ 187.5980, 33.2292,
-18.0644

■ 11.8560, 45.4270,
-10.3977

■ 212.7160, 20.8460,
-12.9059

■ 14.8760, 31.6131,
-13.0463

■ 238.4210, 8.1734,
-8.2622

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 73.0030, 69.0185,
-64.0236

■ 86.9130, 62.1609,
-57.8057

■ 101.1220, 55.1559,
-50.9730

■ 115.0320, 48.2982,
-44.7551

■ 128.9420, 41.4406,
-38.5371

■ 143.1510, 34.4356,
-31.7044

■ 157.0610, 27.5779,
-25.4865

■ 170.9710, 20.7203,
-19.2686

■ 184.8810, 13.8627,
-13.0506

■ 199.0900, 6.8576,
-6.2179

Harmonies

Analogous

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



87.6440, 66.7305, -76.8638



73.0030, 69.0185, -64.0236



86.9600, 41.4317, 57.9171

Triad

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



73.0030, 69.0185, -64.0236



81.0660, -39.9655, 78.8721



77.4570, -0.2253, -67.9298

Complementary

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



73.0030, 69.0185, -64.0236



139.9970, -69.0185, 64.0236

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.



66.3310, -32.7012, -58.1723



73.0030, 69.0185, -64.0236



88.1560, -43.4609, 33.1892

Square

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



73.0030, 69.0185, -64.0236



64.2610, -8.5097, 116.4121



80.4830, -39.6781, -13.5786



86.1550, 28.0246, -75.5579

Rectangle

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



73.0030, 69.0185, -64.0236



70.2490, 29.9502, 100.6366



80.4830, -39.6781, -13.5786



74.2480, -9.9823, -65.1155

Sweetspot

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



73.0030, 69.0185, -64.0236



204.6870, 24.8043, -22.5275



139.6230, -5.7301, -122.4494



97.2230, 15.1731, -13.3506



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.



73.0030, 69.0185, -64.0236



87.1830, 82.7338, -76.4595



30.5610, 89.9424, -8.3850



100.1890, 3.3578, -3.6738



58.8230, 55.3033, -51.5878



14.8810, 13.8627, -13.0506

Inverse Universe

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



73.1490, 4.8565, 122.6493



87.5310, 5.6542, 146.8703



182.4390, -89.9424, 8.3850



99.8590, 0.5625, 6.2627



58.7670, 4.0589, 98.4283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 73.0030, 69.0185, -64.0236 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 73.0030, 69.0185, -64.0236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

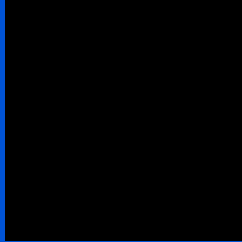
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.0030, 69.0185, -64.0236

Background



This preview shows how black text looks on a background with the YUV color 73.0030, 69.0185, -64.0236.



This preview shows how white text looks on a background with the YUV color 73.0030, 69.0185, -64.0236.

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

73.0030, 69.0185, -64.0236

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

74.2330, 43.2691, -65.1023



Tritanopia

72.8870, 17.8037, -63.9219

Trichromacy



Original Color

73.0030, 69.0185, -64.0236

Protanomaly

73.6410, 61.3090, -64.5832

Deuteranomaly

74.0510, 52.7259, -64.9427

Tritanomaly

73.1100, 36.4278, -64.1175

Monochromacy



Original Color

73.0030, 69.0185, -64.0236

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0890, 25.0991, -23.7571

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.0030, 69.0185, -64.0236 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, 83, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 213)  
}
```

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, 83, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 213) }
```

Border

The CSS property to change the border of an element to YUV 73.0030, 69.0185, -64.0236 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, 83, 213) }
```


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

```
.border{ border-color:rgb(0, 83, 213) }
```

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

Here you see how a box with a 4 pixel rgb(0, 83, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 213)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.0030, 69.0185, -64.0236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 213) }
```

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

```
.background{ background-color: rgb(0, 83,  
213) }
```

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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