

Converting Colors

YUV(69.6240, 83.9954,
-61.0602)

Have a look what the booklet for
YUV(69.6240, 83.9954, -61.0602)
contains.

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Color

**YUV(69.6240, 83.9954,
-61.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	0048F0
RGB	0, 72, 240
RGB Percent	0%, 28%, 94%
CMY	1.0000, 0.7176, 0.0588
CMYK	1.00, 0.70, 0.00, 0.06
HSL	222°, 100%, 47%
HSV	222°, 100%, 94%
XYZ	18.0455, 10.9260, 83.5959
YIQ	69.6240, -96.8400, 36.9840

Conversions

Conversions Part 2

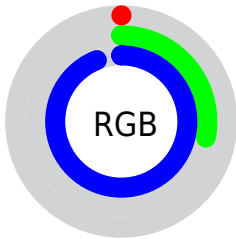
Format	Color
R_{YB}	0, 55, 240
Decimal	18672
CIE _{Lab}	39.46, 48.34, -87.52
CIE _{LCh}	39, 99.985, 298.913
Yxy	10.9260, 0.1603, 0.0971
Android (android.graphics.Color)	4278208752 (0xFF0048F0)
YUV	69.6240, 83.9954, -61.0602
Hunter-Lab	33.0545, 39.6037, -126.8082

Details

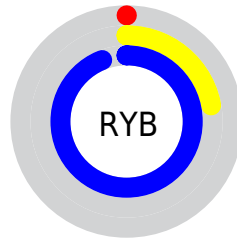
The YUV color **69.6240, 83.9954, -61.0602** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **170.3760, -83.9954, 61.0602**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5850, 59.8576, -18.9300**, and **37.7710, 71.1049, -33.1252** is the 20% darker color. If you saturate the color by 10%, you get **69.6240, 83.9954, -61.0602**, and if you desaturate by 10%, it is **86.7790, 75.5380, -55.0572**.

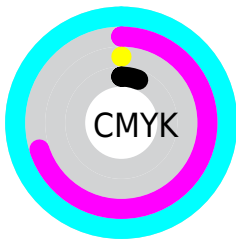
Distribution



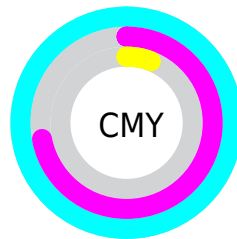
- Red (0%)
- Green (28%)
- Blue (94%)



- Red (0%)
- Yellow (22%)
- Blue (94%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (72%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6240, 83.9954, -61.0602 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 69.6240, 83.9954, -61.0602 by changing the saturation by 10% instead.

■ 69.6240, 83.9954,
-61.0602

■ 69.6240, 83.9954,
-61.0602

255.0000, 0.0000,
0.0000

■ 52.8170, 77.9842,
-46.3205

■ 133.5850, 59.8576,
-18.9300

■ 37.7710, 71.1049,
-33.1252

■ 159.0130, 47.3216,
-11.4124

■ 24.7140, 64.2310,
-21.6742

■ 184.1420, 34.9330,
-4.5095

■ 14.5920, 55.9101,
-12.7972

■ 210.1460, 22.1130,
0.7490

■ 19.7320, 40.0651,
-17.3050

■ 236.1500, 9.2931,
6.0075

■ 13.9470, 30.5921,
-12.2315

■ 8.9770, 21.7033,

-7.8728

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 69.6240, 83.9954,
-61.0602

■ 86.7790, 75.5380,
-55.0572

■ 103.9340, 67.0805,
-49.0541

■ 120.5020, 58.9125,
-42.5363

■ 137.6570, 50.4551,
-36.5332

■ 154.8120, 41.9977,
-30.5301

■ 171.9670, 33.5403,
-24.5271

■ 189.1220, 25.0829,
-18.5240

■ 205.6900, 16.9148,
-12.0061

■ 222.8450, 8.4574,
-6.0031

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



69.6240, 83.9954, -61.0602



74.2260, 51.6536, 92.7638

Triad

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



69.6240, 83.9954, -61.0602



78.1640, -38.5349, 86.6792



81.0590, 3.4219, -71.0887

Complementary

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



69.6240, 83.9954, -61.0602



170.3760, -83.9954, 61.0602

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.



68.6790, -33.8587, -60.2315



69.6240, 83.9954, -61.0602



87.8130, -43.2918, 25.5970

Square

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



69.6240, 83.9954, -61.0602



66.6790, -22.5197, 130.0775



66.9730, -33.0177, -49.9653



91.1080, 39.3868, -79.9017

Rectangle

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



69.6240, 83.9954, -61.0602



78.4640, 23.9282, 118.8651



66.9730, -33.0177, -49.9653



77.0520, -9.3926, -67.5746

Sweetspot

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



69.6240, 83.9954, -61.0602



200.5780, 26.8300, -18.9239



160.0320, 3.9282, -140.3481



94.8750, 16.3306, -11.2914



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.



69.6240, 83.9954, -61.0602



73.6820, 89.3898, -64.6191



41.7120, 97.7560, 5.5146



111.1290, 4.3734, -2.7441



53.2610, 64.4543, -46.7099



16.3630, 19.5410, -14.3504

Inverse Universe

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



79.9680, -3.9282, 140.3481



84.9090, -4.3921, 149.1698



198.2880, -97.7560, -5.5146



111.9300, -0.4585, 7.0774



61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 69.6240, 83.9954, -61.0602 looks on a white background.

Color Contrast Check

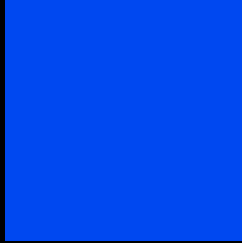
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.6240, 83.9954, -61.0602 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 69.6240, 83.9954, -61.0602

Background



This preview shows how black text looks on a background with the YUV color 69.6240, 83.9954, -61.0602.



This preview shows how white text looks on a background with the YUV color 69.6240, 83.9954,

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

69.6240, 83.9954, -61.0602

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

74.0050, 42.3955, -64.9024



Tritanopia

72.7730, 17.3669, -63.8219

Trichromacy



Original Color

69.6240, 83.9954, -61.0602

Protanomaly

72.3190, 66.3977, -63.4238

Deuteranomaly

72.6150, 57.3778, -63.6834

Tritanomaly

71.7880, 41.5165, -62.9581

Monochromacy



Original Color

69.6240, 83.9954, -61.0602

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1800, 30.4773, -22.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6240, 83.9954, -61.0602 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, 72, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 240)  
}
```

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, 72, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 240) }
```

Border

The CSS property to change the border of an element to YUV 69.6240, 83.9954, -61.0602 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, 72, 240) }
```


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

```
.border{ border-color:rgb(0, 72, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 72, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 72, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 72, 240)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.6240, 83.9954, -61.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 240) }
```

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

```
.background{ background-color: rgb(0, 72,  
240) }
```

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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