

Converting Colors

YUV(64.5960, 69.7122,
-53.1427)

Have a look what the booklet for
YUV(64.5960, 69.7122, -53.1427)
contains.

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Color

**YUV(64.5960, 69.7122,
-53.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	0444CE
RGB	4, 68, 206
RGB Percent	2%, 27%, 81%
CMY	0.9843, 0.7333, 0.1922
CMYK	0.98, 0.67, 0.00, 0.19
HSL	221°, 96%, 41%
HSV	221°, 98%, 81%
XYZ	13.2578, 8.6163, 59.3569
YIQ	64.5960, -82.4420, 29.3500

Conversions

Conversions Part 2

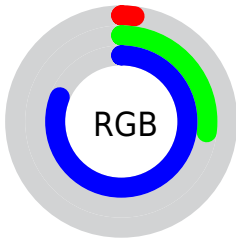
Format	Color
RYB	4, 53, 206
Decimal	279758
CIELab	35.23, 38.47, -75.04
CIELCh	35, 84.329, 297.139
Yxy	8.6163, 0.1632, 0.1061
Android (android.graphics.Color)	4278469838 (0xFF0444CE)
YUV	64.5960, 69.7122, -53.1427
Hunter-Lab	29.3535, 29.2524, -99.3451

Details

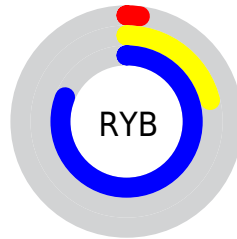
The YUV color **64.5960, 69.7122, -53.1427** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **145.4040, -69.7122, 53.1427**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9590, 62.6312, -21.8890**, and **32.3620, 57.9955, -28.3815** is the 20% darker color. If you saturate the color by 10%, you get **61.6390, 71.1700, -54.0574**, and if you desaturate by 10%, it is **79.0930, 62.5652, -47.4396**.

Distribution



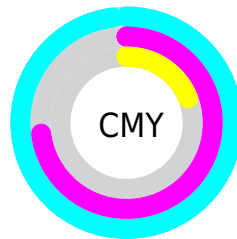
- Red (2%)
- Green (27%)
- Blue (81%)



- Red (2%)
- Yellow (21%)
- Blue (81%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5960, 69.7122, -53.1427 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 64.5960, 69.7122, -53.1427 by changing the saturation by 10% instead.

■ 64.5960, 69.7122,
-53.1427

■ 64.5960, 69.7122,
-53.1427

■ 255.0000, 0.0000,
0.0000

■ 47.2940, 64.4381,
-41.4768

■ 127.9590, 62.6312,
-21.8890

■ 32.3620, 57.9955,
-28.3815

■ 152.2020, 50.6794,
-15.0862

■ 18.8320, 51.8478,
-16.5157

■ 177.3200, 38.2962,
-9.9276

■ 12.3460, 42.2274,
-10.8274

■ 202.4380, 25.9131,
-4.7691

■ 13.6050, 29.2817,
-11.9316

■ 228.1430, 13.2405,
-0.1254

■ 7.9340, 20.2455,
-6.9581

■ 253.2390, 0.8682,

■ 3.6650, 11.5042,

1.5444

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 64.5960, 69.7122,
-53.1427

■ 64.5960, 69.7122,
-53.1427

■ 61.6390, 71.1700,
-54.0574

■ 79.0930, 62.5652,
-47.4396

■ 93.2910, 55.5655,
-42.3512

■ 107.7880, 48.4185,
-36.6481

■ 121.9860, 41.4189,
-31.5597

■ 136.4830, 34.2719,
-25.8566

■ 150.9800, 27.1249,
-20.1535

■ 165.7650, 19.8359,
-15.5799

■ 180.2620, 12.6888,
-9.8768

■ 194.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



81.5460, 68.7508, -71.5158



64.5960, 69.7122, -53.1427



63.4600, 46.6082, 77.6496

Triad

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



64.5960, 69.7122, -53.1427



70.7110, -34.8605, 74.7985



71.2450, 1.3582, -62.4819

Complementary

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



64.5960, 69.7122, -53.1427



145.4040, -69.7122, 53.1427

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.



61.0480, -30.0967, -53.5391



64.5960, 69.7122, -53.1427



78.3660, -38.6344, 25.1120

Square

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



64.5960, 69.7122, -53.1427



58.9910, -15.7716, 112.2639



66.8170, -32.9408, -27.9035



79.8120, 31.6447, -69.9951

Rectangle

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



64.5960, 69.7122, -53.1427



67.5280, 23.4037, 100.3919



66.8170, -32.9408, -27.9035



67.9220, -8.8355, -59.5676

Sweetspot

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



64.5960, 69.7122, -53.1427



202.9370, 25.6671, -19.2387



137.9640, 0.5107, -117.4864



96.3480, 15.6044, -11.7062



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.



64.5960, 69.7122, -53.1427



76.6170, 87.9428, -67.1931



37.1940, 83.2214, 0.7069



94.9010, 3.4998, -2.5442



50.0350, 57.1707, -43.8807



11.3760, 13.1256, -9.9768

Inverse Universe

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



71.6940, -1.8211, 117.7864



85.4790, -2.2081, 148.6699



172.8060, -83.2214, -0.7069



95.3320, -0.1637, 5.8478



55.6760, -1.3193, 96.7541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 64.5960, 69.7122, -53.1427 looks on a white background.

Color Contrast Check

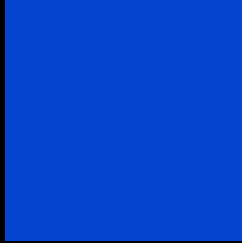
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.5960, 69.7122, -53.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

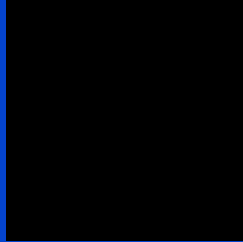
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5960, 69.7122, -53.1427

Background



This preview shows how black text looks on a background with the YUV color 64.5960, 69.7122, -53.1427.



This preview shows how white text looks on a background with the YUV color 64.5960, 69.7122, -53.1427.

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

64.5960, 69.7122, -53.1427

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

66.1970, 37.8639, -58.0548



Tritanopia

65.0620, 15.7454, -57.0594

Trichromacy



Original Color

64.5960, 69.7122, -53.1427

Protanomaly

65.6590, 57.3561, -56.7059

Deuteranomaly

65.5960, 49.4992, -56.6507

Tritanomaly

64.6380, 35.6745, -55.8105

Monochromacy



Original Color

64.5960, 69.7122, -53.1427

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8230, 25.2303, -19.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5960, 69.7122, -53.1427 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(4, 68, 206)` looks like.

```
.text, #text, p{  
    color:rgb(4, 68, 206)  
}
```

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(4, 68, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 68, 206) }
```

Border

The CSS property to change the border of an element to YUV 64.5960, 69.7122, -53.1427 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(4, 68, 206) }
```


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

```
.border{ border-color:rgb(4, 68, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 68, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 68, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 68, 206);  
box-shadow:4px 4px 4px 4px rgb(4, 68, 206)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.5960, 69.7122, -53.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 68, 206) }
```

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

```
.background{ background-color: rgb(4, 68,  
206) }
```

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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