

Converting Colors

YUV(64.0330, 80.3427,
-56.1569)

Have a look what the booklet for
YUV(64.0330, 80.3427, -56.1569)
contains.

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Color

**YUV(64.0330, 80.3427,
-56.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	0041E3
RGB	0, 65, 227
RGB Percent	0%, 25%, 89%
CMY	1.0000, 0.7451, 0.1098
CMYK	1.00, 0.71, 0.00, 0.11
HSL	223°, 100%, 45%
HSV	223°, 100%, 89%
XYZ	15.7554, 9.3266, 73.6429
YIQ	64.0330, -90.7420, 36.6020

Conversions

Conversions Part 2

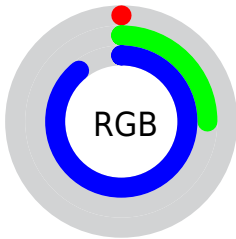
Format	Color
RYB	0, 51, 227
Decimal	16867
CIELab	36.61, 47.91, -84.86
CIELCh	37, 97.451, 299.451
Yxy	9.3266, 0.1596, 0.0945
Android (android.graphics.Color)	4278206947 (0xFF0041E3)
YUV	64.0330, 80.3427, -56.1569
Hunter-Lab	30.5396, 38.6443, -121.5938

Details

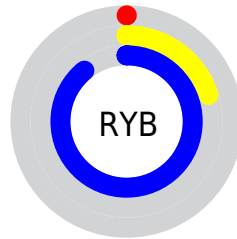
The YUV color **64.0330, 80.3427, -56.1569** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **162.9670, -80.3427, 56.1569**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9920, 62.6149, -16.6560**, and **32.2940, 67.8891, -28.3218** is the 20% darker color. If you saturate the color by 10%, you get **64.0330, 80.3427, -56.1569**, and if you desaturate by 10%, it is **80.3020, 72.3221, -50.2539**.

Distribution



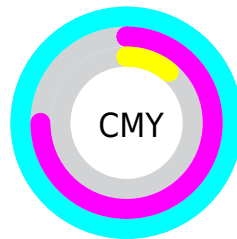
- Red (0%)
- Green (25%)
- Blue (89%)



- Red (0%)
- Yellow (20%)
- Blue (89%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (75%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0330, 80.3427, -56.1569 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 64.0330, 80.3427, -56.1569 by changing the saturation by 10% instead.

■ 64.0330, 80.3427,
-56.1569

■ 64.0330, 80.3427,
-56.1569

■ 255.0000, 0.0000,
0.0000

■ 47.8130, 74.0422,
-41.9320

■ 127.9920, 62.6149,
-16.6560

■ 32.2940, 67.8891,
-28.3218

■ 153.4200, 50.0789,
-9.1383

■ 19.8240, 60.7258,
-17.3856

■ 178.2500, 37.8378,
-2.8502

■ 13.2240, 50.6686,
-11.5974

■ 204.2540, 25.0178,
2.4082

■ 17.8910, 35.5497,
-15.6904

■ 229.9590, 12.3452,
7.0520

■ 11.6330, 26.8029,
-10.2021

■ 251.4780, 1.7363,

■ 6.6630, 17.9141,

3.0888

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 64.0330, 80.3427,
-56.1569

■ 80.3020, 72.3221,
-50.2539

■ 96.2720, 64.4489,
-44.9655

■ 113.1280, 56.1389,
-39.5773

■ 129.3970, 48.1183,
-33.6742

■ 145.6660, 40.0977,
-27.7711

■ 161.6360, 32.2245,
-22.4828

■ 177.9050, 24.2038,
-16.5797

■ 194.7610, 15.8938,
-11.1914

■ 210.7310, 8.0206,
-5.9031

Harmonies

Analogous

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



87.0860, 79.8236, -76.3744



64.0330, 80.3427, -56.1569



70.2810, 48.1755, 88.3306

Triad

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



64.0330, 80.3427, -56.1569



71.6410, -35.3190, 81.8758



75.2060, 3.8424, -65.9557

Complementary

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



64.0330, 80.3427, -56.1569



162.9670, -80.3427, 56.1569

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.



63.9830, -31.5436, -56.1131



64.0330, 80.3427, -56.1569



81.3010, -40.0814, 22.5380

Square

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



64.0330, 80.3427, -56.1569



62.5210, -22.9349, 123.2001



59.8740, -29.5179, -52.5095



85.5000, 38.2075, -74.9835

Rectangle

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



64.0330, 80.3427, -56.1569



74.0350, 21.1817, 113.1023



59.8740, -29.5179, -52.5095



72.0140, -8.3879, -63.1563

Sweetspot

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



64.0330, 80.3427, -56.1569



199.9910, 27.1194, -18.4091



151.3750, 3.7591, -132.7559



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.



64.0330, 80.3427, -56.1569



71.9210, 90.2579, -63.0747



39.3330, 92.5198, 4.9700



106.7160, 4.0840, -3.2589



50.3430, 63.4279, -44.1508



14.6190, 17.9358, -12.8209

Inverse Universe

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



75.2830, -5.0695, 133.0558



84.5670, -5.7025, 149.4697



187.6670, -92.5198, -4.9700



107.0440, -0.0217, 6.9774



59.3350, -4.1092, 104.9462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 64.0330, 80.3427, -56.1569 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 64.0330, 80.3427, -56.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

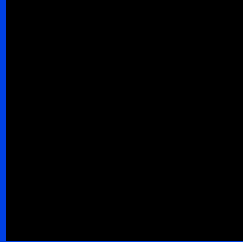
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0330, 80.3427, -56.1569

Background



This preview shows how black text looks on a background with the YUV color 64.0330, 80.3427, -56.1569.



This preview shows how white text looks on a background with the YUV color 64.0330, 80.3427, -56.1569.

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

64.0330, 80.3427, -56.1569

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

67.1650, 16.1877, -58.9037

Trichromacy



Original Color

64.0330, 80.3427, -56.1569

Protanomaly

66.6140, 62.3083, -58.4205

Deuteranomaly

67.1380, 54.1620, -58.8800

Tritanomaly

65.9520, 39.4637, -57.8399

Monochromacy



Original Color

64.0330, 80.3427, -56.1569

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8490, 29.1614, -20.0386

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0330, 80.3427, -56.1569 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, 65, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 227)  
}
```

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, 65, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 227) }
```

Border

The CSS property to change the border of an element to YUV 64.0330, 80.3427, -56.1569 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, 65, 227) }
```


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

```
.border{ border-color:rgb(0, 65, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 227)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0330, 80.3427, -56.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 227) }
```

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

```
.background{ background-color: rgb(0, 65,  
227) }
```

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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