

Converting Colors

YUV(63.3150, 82.6687,
-55.5273)

Have a look what the booklet for
YUV(63.3150, 82.6687, -55.5273)
contains.

YUV(63.3150, 82.6687, -55.5273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(63.3150, 82.6687,
-55.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	003FE7
RGB	0, 63, 231
RGB Percent	0%, 25%, 91%
CMY	1.0000, 0.7529, 0.0941
CMYK	1.00, 0.73, 0.00, 0.09
HSL	224°, 100%, 45%
HSV	224°, 100%, 91%
XYZ	16.2013, 9.3245, 76.5472
YIQ	63.3150, -91.4760, 38.8920

Conversions

Conversions Part 2

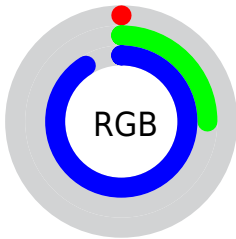
Format	Color
RYB	0, 50, 231
Decimal	16359
CIELab	36.60, 50.50, -87.14
CIELCh	37, 100.718, 300.092
Yxy	9.3245, 0.1587, 0.0914
Android (android.graphics.Color)	4278206439 (0xFF003FE7)
YUV	63.3150, 82.6687, -55.5273
Hunter-Lab	30.5361, 41.2672, -127.2516

Details

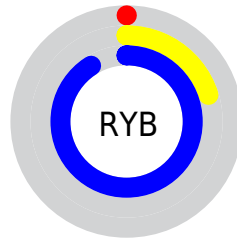
The YUV color **63.3150, 82.6687, -55.5273** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **167.6850, -82.6687, 55.5273**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1170, 63.0463, -15.0116**, and **31.5760, 70.2150, -27.6922** is the 20% darker color. If you saturate the color by 10%, you get **63.3150, 82.6687, -55.5273**, and if you desaturate by 10%, it is **80.1710, 74.3587, -50.1390**.

Distribution



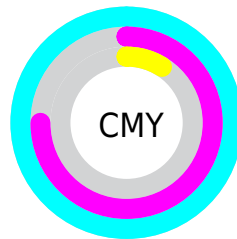
- Red (0%)
- Green (25%)
- Blue (91%)



- Red (0%)
- Yellow (20%)
- Blue (91%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (75%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3150, 82.6687, -55.5273 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 63.3150, 82.6687, -55.5273 by changing the saturation by 10% instead.

■ 63.3150, 82.6687,
-55.5273

■ 63.3150, 82.6687,
-55.5273

■ 255.0000, 0.0000,
0.0000

■ 47.0950, 76.3682,
-41.3023

■ 127.1170, 63.0463,
-15.0116

■ 31.5760, 70.2150,
-27.6922

■ 152.5450, 50.5103,
-7.4940

■ 18.9920, 62.6149,
-16.6560

■ 178.2610, 37.8323,
-1.1059

■ 13.5660, 51.9790,
-11.8974

■ 203.6780, 25.3017,
4.6674

■ 18.8200, 36.5707,
-16.5051

■ 229.3830, 12.6292,
9.3111

■ 12.5620, 27.8239,
-11.0169

■ 250.8910, 2.0257,

■ 7.0050, 19.2245,

3.6036

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 63.3150, 82.6687,
-55.5273

■ 80.1710, 74.3587,
-50.1390

■ 97.0270, 66.0487,
-44.7507

■ 113.2960, 58.0281,
-38.8476

■ 130.1520, 49.7181,
-33.4593

■ 147.3070, 41.2606,
-27.4562

■ 164.1630, 32.9506,
-22.0680

■ 181.0190, 24.6406,
-16.6797

■ 197.2880, 16.6200,
-10.7766

■ 214.1440, 8.3100,
-5.3883

Harmonies

Analogous

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



87.6560, 82.0076, -76.8743



63.3150, 82.6687, -55.5273



71.5910, 48.0226, 90.6897

Triad

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



63.3150, 82.6687, -55.5273



71.3530, -35.1770, 83.0054



75.9070, 3.9898, -66.5704

Complementary

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



63.3150, 82.6687, -55.5273



167.6850, -82.6687, 55.5273

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.



64.5700, -31.8330, -56.6279



63.3150, 82.6687, -55.5273



81.0020, -39.9340, 21.9232

Square

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



63.3150, 82.6687, -55.5273



62.8480, -25.5611, 125.5443



60.4610, -29.8073, -53.0243



86.5430, 39.6653, -75.8982

Rectangle

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



63.3150, 82.6687, -55.5273



75.2310, 20.5921, 115.5614



60.4610, -29.8073, -53.0243



72.0140, -8.3879, -63.1563

Sweetspot

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



63.3150, 82.6687, -55.5273



199.4040, 27.4088, -17.8943



154.5210, 5.6591, -135.5149



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.



63.3150, 82.6687, -55.5273



70.1600, 91.1261, -61.5303



41.2840, 93.5300, 7.6439



106.1290, 4.3734, -2.7441



49.1690, 64.0067, -43.1212



14.0320, 18.2252, -12.3061

Inverse Universe

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



76.2510, -6.5327, 135.7149



84.2250, -7.0129, 149.7697



189.7160, -93.5300, -7.6439



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 63.3150, 82.6687, -55.5273 looks on a white background.

Color Contrast Check

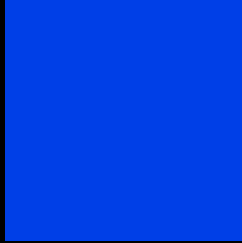
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3150, 82.6687, -55.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

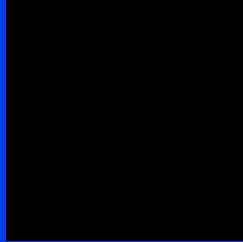
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3150, 82.6687, -55.5273

Background



This preview shows how black text looks on a background with the YUV color 63.3150, 82.6687, -55.5273.



This preview shows how white text looks on a background with the YUV color 63.3150, 82.6687, -55.5273.

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



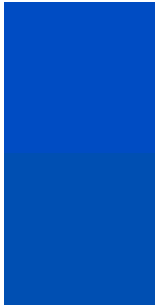
Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991

Trichromacy



Protanomaly

66.8420, 63.1819, -58.6204

Deuteranomaly

66.6650, 54.8882, -58.4652

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0770, 30.0350, -20.2385

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3150, 82.6687, -55.5273 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, 63, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 231)  
}
```

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, 63, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 231) }
```

Border

The CSS property to change the border of an element to YUV 63.3150, 82.6687, -55.5273 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, 63, 231) }
```

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

```
.border{ border-color:rgb(0, 63, 231) }
```

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

Here you see how a box with a 4 pixel rgb(0, 63, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 231)  
}
```


Background

The CSS property to change the background color of an element to YUV 63.3150, 82.6687, -55.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 231) }
```

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

```
.background{ background-color: rgb(0, 63,  
231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor