

Converting Colors

YUV(78.9650, 86.7853,
-69.2523)

Have a look what the booklet for
YUV(78.9650, 86.7853, -69.2523)
contains.

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Color

**YUV(78.9650, 86.7853,
-69.2523)**

Conversions

Conversions Part 1

Format	Color
Hex	0055FF
RGB	0, 85, 255
RGB Percent	0%, 33%, 100%
CMY	1.0000, 0.6667, 0.0000
CMYK	1.00, 0.67, 0.00, 0.00
HSL	220°, 100%, 50%
HSV	220°, 100%, 100%
XYZ	21.2985, 13.7170, 96.1328
YIQ	78.9650, -105.2300, 34.8500

Conversions

Conversions Part 2

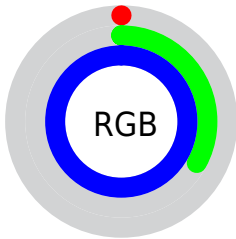
Format	Color
R _{YB}	0, 64, 255
Decimal	22015
CIE Lab	43.82, 45.83, -88.72
CIE LCh	44, 99.861, 297.321
Yxy	13.7170, 0.1624, 0.1046
Android (android.graphics.Color)	4278212095 (0xFF0055FF)
YUV	78.9650, 86.7853, -69.2523
Hunter-Lab	37.0365, 37.8359, -127.9692

Details

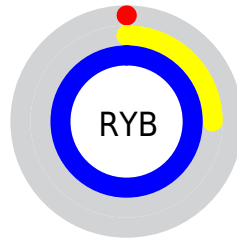
The YUV color **78.9650, 86.7853, -69.2523** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **176.0350, -86.7853, 69.2523**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1130, 55.6533, -23.7781**, and **46.5250, 74.1842, -40.8024** is the 20% darker color. If you saturate the color by 10%, you get **78.9650, 86.7853, -69.2523**, and if you desaturate by 10%, it is **96.4190, 78.1804, -62.6345**.

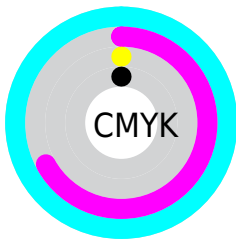
Distribution



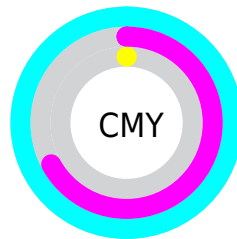
- Red (0%)
- Green (33%)
- Blue (100%)



- Red (0%)
- Yellow (25%)
- Blue (100%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9650, 86.7853, -69.2523 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 78.9650, 86.7853, -69.2523 by changing the saturation by 10% instead.

■ 78.9650, 86.7853,
-69.2523

■ 78.9650, 86.7853,
-69.2523

■ 255.0000, 0.0000,
0.0000

■ 62.1580, 80.7741,
-54.5126

■ 142.1130, 55.6533,
-23.7781

■ 46.5250, 74.1842,
-40.8024

■ 168.4270, 42.6805,
-16.1605

■ 32.7670, 67.1629,
-28.7367

■ 194.1430, 30.0025,
-9.7724

■ 19.5960, 59.8522,
-17.1857

■ 219.8590, 17.3245,
-3.3843

■ 17.2190, 48.2060,
-15.1011

■ 246.4500, 4.2152,
1.3594

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 78.9650, 86.7853,
-69.2523

■ 96.4190, 78.1804,
-62.6345

■ 114.1720, 69.4282,
-55.4018

■ 131.9250, 60.6760,
-48.1692

■ 149.3790, 52.0712,
-41.5514

■ 167.1320, 43.3189,
-34.3188

■ 184.5860, 34.7141,
-27.7009

■ 202.3390, 25.9619,
-20.4683

■ 219.7930, 17.3571,
-13.8505

■ 237.5460, 8.6048,
-6.6178

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



78.9650, 86.7853, -69.2523



78.7410, 57.3157, 96.6971

Triad

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



78.9650, 86.7853, -69.2523



88.2310, -43.4979, 91.8824



88.7870, 2.5700, -77.8662

Complementary

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



78.9650, 86.7853, -69.2523



176.0350, -86.7853, 69.2523

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.



75.7230, -37.3314, -66.4091



78.9650, 86.7853, -69.2523



97.8800, -48.2548, 30.8002

Square

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



78.9650, 86.7853, -69.2523



73.0590, -18.7631, 138.5143



83.2970, -41.0654, -35.3405



99.0640, 39.4084, -86.8791

Rectangle

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



78.9650, 86.7853, -69.2523



83.7620, 28.7113, 124.7427



83.2970, -41.0654, -35.3405



84.7800, -10.2445, -74.3521

Sweetspot

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



78.9650, 86.7853, -69.2523



202.3390, 25.9619, -20.4683



169.0650, 0.4610, -148.2700



96.0490, 15.7518, -12.3210



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.



78.9650, 86.7853, -69.2523



41.6280, 105.1924, 0.3262



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094

Inverse Universe

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



85.9350, -0.4610, 148.2700



213.0730, -105.0450, -0.9410



119.3430, -0.1691, 7.5922



64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 78.9650, 86.7853, -69.2523 looks on a white background.

Color Contrast Check

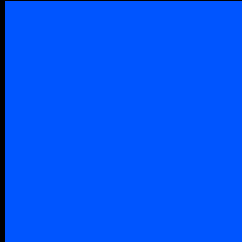
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.9650, 86.7853, -69.2523 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 78.9650, 86.7853, -69.2523

Background



This preview shows how black text looks on a background with the YUV color 78.9650, 86.7853, -69.2523.



This preview shows how white text looks on a background with the YUV color 78.9650, 86.7853, -69.2523.

-69.2523.

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

78.9650, 86.7853, -69.2523

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.5140, 47.0746, -72.3648



Tritanopia

80.5980, 19.4252, -70.6844

Trichromacy



Original Color

78.9650, 86.7853, -69.2523

Protanomaly

80.9420, 71.5136, -70.9861

Deuteranomaly

81.0100, 61.6201, -71.0458

Tritanomaly

79.7270, 44.0116, -69.9206

Monochromacy



Original Color

78.9650, 86.7853, -69.2523

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7990, 31.6511, -25.2567

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9650, 86.7853, -69.2523 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, 85, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 255)  
}
```

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, 85, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 255) }
```

Border

The CSS property to change the border of an element to YUV 78.9650, 86.7853, -69.2523 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, 85, 255) }
```

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

```
.border{ border-color:rgb(0, 85, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 85, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9650, 86.7853, -69.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 255) }
```

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

```
.background{ background-color: rgb(0, 85,  
255) }
```

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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