

Converting Colors

YUV(75.7810, 85.8900,
-62.0749)

Have a look what the booklet for
YUV(75.7810, 85.8900, -62.0749)
contains.

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Color

**YUV(75.7810, 85.8900,
-62.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	054EFA
RGB	5, 78, 250
RGB Percent	2%, 31%, 98%
CMY	0.9804, 0.6941, 0.0196
CMYK	0.98, 0.69, 0.00, 0.02
HSL	222°, 96%, 50%
HSV	222°, 98%, 98%
XYZ	20.0423, 12.3832, 91.7763
YIQ	75.7810, -98.7200, 38.0160

Conversions

Conversions Part 2

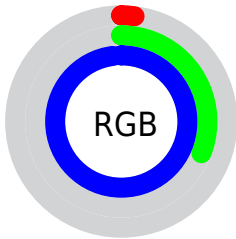
Format	Color
R _Y B	5, 61, 250
Decimal	347898
CIE Lab	41.82, 48.39, -89.24
CIE LCh	42, 101.510, 298.468
Yxy	12.3832, 0.1614, 0.0997
Android (android.graphics.Color)	4278537978 (0xFF054EFA)
YUV	75.7810, 85.8900, -62.0749
Hunter-Lab	35.1897, 40.0826, -129.9981

Details

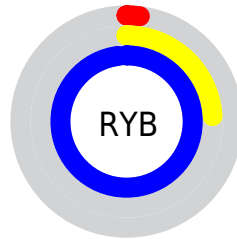
The YUV color **75.7810, 85.8900, -62.0749** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **179.2190, -85.8900, 62.0749**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0040, 57.6790, -20.1745**, and **41.8460, 74.0259, -36.6989** is the 20% darker color. If you saturate the color by 10%, you get **71.9380, 87.7846, -63.0896**, and if you desaturate by 10%, it is **93.8220, 76.9958, -55.9719**.

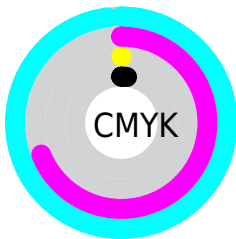
Distribution



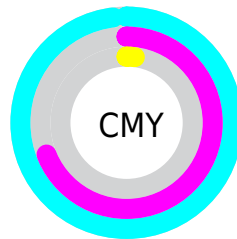
- Red (2%)
- Green (31%)
- Blue (98%)



- Red (2%)
- Yellow (24%)
- Blue (98%)



- Cyan (98%)
- Magenta (69%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (69%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7810, 85.8900, -62.0749 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 75.7810, 85.8900, -62.0749 by changing the saturation by 10% instead.

■ 75.7810, 85.8900,
-62.0749

■ 75.7810, 85.8900,
-62.0749

■ 255.0000, 0.0000,
0.0000

■ 57.4790, 80.6159,
-50.4091

■ 138.0040, 57.6790,
-20.1745

■ 41.8460, 74.0259,
-36.6989

■ 163.7310, 44.9956,
-12.0421

■ 28.0880, 67.0046,
-24.6332

■ 189.4470, 32.3176,
-5.6540

■ 15.6180, 59.8413,
-13.6970

■ 215.4510, 19.4977,
-0.3955

■ 18.4100, 45.1539,
-16.1456

■ 241.4550, 6.6777,
4.8630

■ 16.7340, 33.6551,
-14.6757

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 75.7810, 85.8900,
-62.0749

■ 75.7810, 85.8900,
-62.0749

■ 71.9380, 87.7846,
-63.0896

■ 93.8220, 76.9958,
-55.9719

■ 111.2760, 68.3909,
-49.3541

■ 129.3170, 59.4967,
-43.2510

■ 146.7710, 50.8919,
-36.6332

■ 164.8120, 41.9977,
-30.5301

■ 182.2660, 33.3929,
-23.9123

■ 200.3070, 24.4986,
-17.8092

■ 217.7610, 15.8938,
-11.1914

■ 235.8020, 6.9996,
-5.0884

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



75.7810, 85.8900, -62.0749



77.6440, 54.4055, 96.7822

Triad

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



75.7810, 85.8900, -62.0749



83.2030, -41.0191, 90.1530



85.0370, 3.4328, -74.5774

Complementary

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



75.7810, 85.8900, -62.0749



179.2190, -85.8900, 62.0749

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.



72.7880, -35.8845, -63.8351



75.7810, 85.8900, -62.0749



93.1400, -45.9180, 27.9412

Square

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



75.7810, 85.8900, -62.0749



70.2390, -21.8098, 135.7254



74.6810, -36.8177, -44.4472



96.0150, 40.4186, -84.2052

Rectangle

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



75.7810, 85.8900, -62.0749



82.0670, 26.0960, 123.5982



74.6810, -36.8177, -44.4472



81.0300, -9.3818, -71.0633

Sweetspot

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



75.7810, 85.8900, -62.0749



202.3500, 25.9565, -18.7239



168.4230, 4.2285, -143.3220



95.7610, 15.8938, -11.1914



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.



75.7810, 85.8900, -62.0749



73.6820, 89.3898, -64.6191



47.5810, 99.7926, 5.6295



115.8300, 4.5208, -3.3589



54.4180, 66.3489, -47.7246



17.5200, 21.4356, -15.3650

Inverse Universe

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



86.5770, -4.2285, 143.3220



84.9090, -4.3921, 149.1698



207.4190, -99.7926, -5.6295



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 75.7810, 85.8900, -62.0749 looks on a white background.

Color Contrast Check

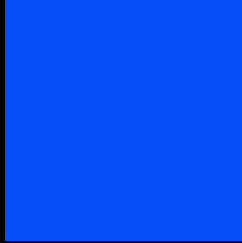
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.7810, 85.8900, -62.0749 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 75.7810, 85.8900, -62.0749

Background



This preview shows how black text looks on a background with the YUV color 75.7810, 85.8900, -62.0749.



This preview shows how white text looks on a background with the YUV color 75.7810, 85.8900,

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

75.7810, 85.8900, -62.0749

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.6670, 45.0272, -68.9910



Tritanopia

76.9790, 18.2514, -67.5106

Trichromacy



Original Color

75.7810, 85.8900, -62.0749

Protanomaly

77.1060, 69.4607, -65.8680

Deuteranomaly

77.8750, 59.7146, -66.5424

Tritanomaly

76.7060, 42.5429, -65.5172

Monochromacy



Original Color

75.7810, 85.8900, -62.0749

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9950, 31.0615, -22.7976

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7810, 85.8900, -62.0749 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(5, 78, 250)` looks like.

```
.text, #text, p{  
    color:rgb(5, 78, 250)  
}
```

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(5, 78, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 78, 250) }
```

Border

The CSS property to change the border of an element to YUV 75.7810, 85.8900, -62.0749 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(5, 78, 250) }
```


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

```
.border{ border-color:rgb(5, 78, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 78, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 78, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 78, 250);  
box-shadow:4px 4px 4px 4px rgb(5, 78, 250)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7810, 85.8900, -62.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 78, 250) }
```

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

```
.background{ background-color: rgb(5, 78,  
250) }
```

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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