

# Converting Colors

YUV(79.1660, 71.8962,  
-53.6426)

Have a look what the booklet for  
YUV(79.1660, 71.8962, -53.6426)  
contains.

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# Color

**YUV(79.1660, 71.8962,  
-53.6426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1252E1
RGB	18, 82, 225
RGB Percent	7%, 32%, 88%
CMY	0.9294, 0.6784, 0.1176
CMYK	0.92, 0.64, 0.00, 0.12
HSL	221°, 85%, 48%
HSV	221°, 92%, 88%
XYZ	16.8574, 11.5994, 72.5846
YIQ	79.1660, -84.0470, 30.9050

# Conversions

## Conversions Part 2

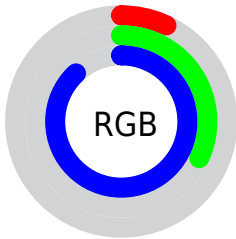
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	18, 67, 225
Decimal	1200865
CIE Lab	40.57, 37.08, -77.17
CIE LCh	41, 85.619, 295.661
Yxy	11.5994, 0.1668, 0.1148
Android (android.graphics.Color)	4279390945 (0xFF1252E1)
YUV	79.1660, 71.8962, -53.6426
Hunter-Lab	34.0579, 28.7492, -102.5189

# Details

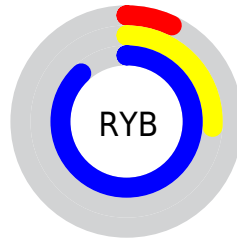
The YUV color **79.1660, 71.8962, -53.6426** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **163.8340, -71.8962, 53.6426**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8570, 57.2585, -25.3076**, and **42.0450, 62.0958, -36.8735** is the 20% darker color. If you saturate the color by 10%, you get **66.7400, 78.0222, -58.5310**, and if you desaturate by 10%, it is **95.4350, 63.8755, -47.7395**.

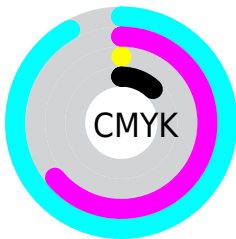
# Distribution



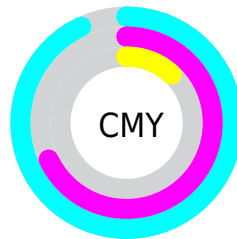
- Red (7%)
- Green (32%)
- Blue (88%)



- Red (7%)
- Yellow (26%)
- Blue (88%)



- Cyan (92%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)



- Cyan (93%)
- Magenta (68%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.1660, 71.8962, -53.6426 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 79.1660, 71.8962, -53.6426 by changing the saturation by 10% instead.



■ 79.1660, 71.8962,  
-53.6426

■ 79.1660, 71.8962,  
-53.6426

■ 255.0000, 0.0000,  
0.0000

■ 56.9770, 68.5383,  
-49.9688

■ 138.8570, 57.2585,  
-25.3076

■ 42.0450, 62.0958,  
-36.8735

■ 163.9860, 44.8699,  
-18.4047

■ 28.4010, 55.5113,  
-24.9077

■ 189.4030, 32.3393,  
-12.6314

■ 13.1100, 50.2318,  
-11.4975

■ 214.5210, 19.9561,  
-7.4729

■ 17.7770, 35.1129,  
-15.5904

■ 240.8130, 6.9942,  
-3.3440

■ 11.5190, 26.3661,  
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 79.1660, 71.8962,  
-53.6426

■ 79.1660, 71.8962,  
-53.6426

■ 66.7400, 78.0222,  
-58.5310

■ 95.4350, 63.8755,  
-47.7395

■ 110.8180, 56.2917,  
-41.9364

■ 127.0870, 48.2711,  
-36.0333

■ 142.4700, 40.6873,  
-30.2302

■ 158.7390, 32.6667,  
-24.3271

■ 174.1220, 25.0829,  
-18.5240

■ 190.3910, 17.0622,  
-12.6209

■ 205.7740, 9.4784,  
-6.8178

■ 221.7440, 1.6052,  
-1.5295

# Harmonies

## Analogous

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



91.2290, 72.8511, -80.0078



79.1660, 71.8962, -53.6426



79.9650, 47.3453, 74.5757

# Triad

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



79.1660, 71.8962, -53.6426



83.1480, -40.9920, 81.4312



80.4890, 1.2379, -70.5889

# Complementary

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



79.1660, 71.8962, -53.6426



163.8340, -71.8962, 53.6426

# 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.



69.2660, -34.1481, -60.7463



79.1660, 71.8962, -53.6426



90.5040, -44.6185, 31.1300

# Square

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



79.1660, 71.8962, -53.6426



66.5670, -12.6045, 123.1597



80.7270, -39.7984, -21.6856



89.8710, 32.1086, -78.8169



# Rectangle

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



79.1660, 71.8962, -53.6426



74.5490, 28.3233, 109.1435



80.7270, -39.7984, -21.6856



77.0520, -9.3926, -67.5746

# Sweetspot

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



79.1660, 71.8962, -53.6426



205.0080, 24.6461, -18.4240



155.5830, 1.6846, -120.6603



97.2340, 15.1676, -11.6062



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.



79.1660, 71.8962, -53.6426



75.4430, 88.5216, -66.1635



52.9600, 84.8157, 2.6661



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209



# Inverse Universe

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



87.1890, -2.5582, 120.8602



85.2510, -3.0817, 148.8699



190.0400, -84.8157, -2.6661



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096



# Previews

## White Background



This preview shows how the YUV color 79.1660, 71.8962, -53.6426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

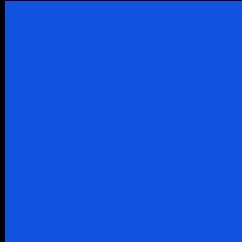
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 79.1660, 71.8962, -53.6426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

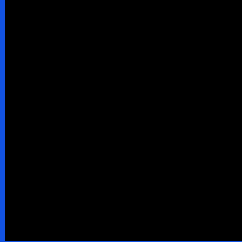
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 79.1660, 71.8962, -53.6426

## Background



This preview shows how black text looks on a background with the YUV color 79.1660, 71.8962, -53.6426.



This preview shows how white text looks on a background with the YUV color 79.1660, 71.8962, -53.6426.



# 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

79.1660, 71.8962, -53.6426

### Protanopia

76.1200, 58.1148, -66.7572

### Deuteranopia

76.3360, 43.7114, -66.9467



## Tritanopia

74.9900, 18.2459, -65.7662

# Trichromacy



## Original Color

79.1660, 71.8962, -53.6426

## Protanomaly

77.1190, 63.0453, -61.4944

## Deuteranomaly

77.4150, 54.0254, -61.7540

## Tritanomaly

76.4740, 37.7273, -60.9287

# Monochromacy



## Original Color

79.1660, 71.8962, -53.6426

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.0510, 26.1039, -19.3387

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.1660, 71.8962, -53.6426 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(18, 82, 225)` looks like.

```
.text, #text, p{  
    color:rgb(18, 82, 225)  
}
```

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(18, 82, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 82, 225) }
```

## Border

The CSS property to change the border of an element to YUV 79.1660, 71.8962, -53.6426 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(18, 82, 225) }
```



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

```
.border{ border-color:rgb(18, 82, 225) }
```

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

Here you see how a box with a 4 pixel rgb(18, 82, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 82, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 82, 225);  
box-shadow:4px 4px 4px 4px rgb(18, 82,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 79.1660, 71.8962, -53.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 82, 225) }
```

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

```
.background{ background-color: rgb(18, 82,  
225) }
```

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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