

# Converting Colors

YUV(123.1370, 52.1905,  
-79.9271)

Have a look what the booklet for  
YUV(123.1370, 52.1905, -79.9271)  
contains.

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# Color

**YUV(123.1370, 52.1905,  
-79.9271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2095E5
RGB	32, 149, 229
RGB Percent	13%, 58%, 90%
CMY	0.8745, 0.4157, 0.1020
CMYK	0.86, 0.35, 0.00, 0.10
HSL	204°, 79%, 51%
HSV	204°, 86%, 90%
XYZ	25.4860, 27.4591, 78.0856
YIQ	123.1370, -95.4120, 0.0760

# Conversions

## Conversions Part 2

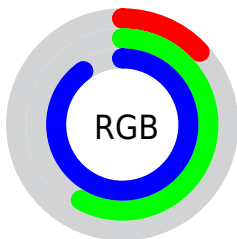
<b>Format</b>	<b>Color</b>
RYP	32, 105, 229
Decimal	2135525
CIELab	59.40, -2.56, -49.02
CIElCh	59, 49.092, 267.005
Yxy	27.4591, 0.1945, 0.2096
Android (android.graphics.Color)	4280325605 (0xFF2095E5)
YUV	123.1370, 52.1905, -79.9271
Hunter-Lab	52.4014, -4.8873, -51.6696

# Details

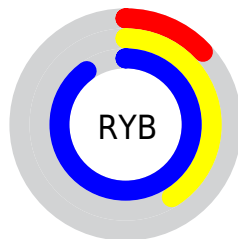
The YUV color **123.1370, 52.1905, -79.9271** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **137.8630, -52.1905, 79.9271**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0180, 35.9801, -60.5288**, and **77.8350, 46.9163, -68.2613** is the 20% darker color. If you saturate the color by 10%, you get **110.9770, 58.1853, -89.4338**, and if you desaturate by 10%, it is **135.2970, 46.1956, -70.4205**.

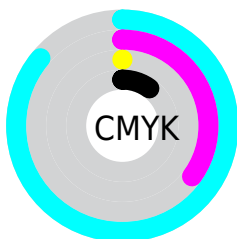
# Distribution



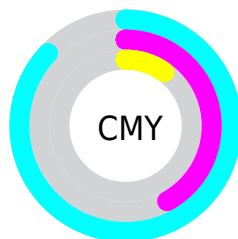
- Red (13%)
- Green (58%)
- Blue (90%)



- Red (13%)
- Yellow (41%)
- Blue (90%)



- Cyan (86%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (87%)
- Magenta (42%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.1370, 52.1905, -79.9271 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 123.1370, 52.1905, -79.9271 by changing the saturation by 10% instead.



■ 123.1370, 52.1905,  
-79.9271

■ 123.1370, 52.1905,  
-79.9271

■ 255.0000, 0.0000,  
0.0000

■ 95.1150, 52.2013,  
-83.4159

■ 182.0180, 35.9801,  
-60.5288

■ 77.8350, 46.9163,  
-68.2613

■ 208.0220, 23.1602,  
-55.2703

■ 60.6690, 42.0682,  
-53.2067

■ 231.6780, 11.4977,  
-47.9526

■ 44.7910, 37.0780,  
-39.2817

■ 240.9470, 6.9281,  
-28.8945

■ 30.2010, 31.9459,  
-26.4863

■ 250.2160, 2.3585,  
-9.8364

■ 12.6760, 28.2607,  
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 123.1370, 52.1905,  
-79.9271

■ 123.1370, 52.1905,  
-79.9271

■ 110.9770, 58.1853,  
-89.4338

■ 135.2970, 46.1956,  
-70.4205

■ 105.9380, 60.6696,  
-92.9076

■ 148.0440, 39.9113,  
-61.4286

■ 160.2040, 33.9164,  
-51.9219

■ 172.3640, 27.9215,  
-42.4152

■ 184.5240, 21.9267,  
-32.9085

■ 196.9720, 15.7898,  
-24.5314

■ 209.1320, 9.7949,  
-15.0248

■ 221.2920, 3.8000,  
-5.5181

■ 234.0390, -2.4842,  
3.4738

# Harmonies

## Analogous

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



117.8430, 47.8984, -103.3483



123.1370, 52.1905, -79.9271



144.4130, 37.2644, -5.6242

# Triad

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



123.1370, 52.1905, -79.9271



142.4450, -17.9674, 69.7697



126.4630, -16.0043, -46.8871

# Complementary

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



123.1370, 52.1905, -79.9271



137.8630, -52.1905, 79.9271

# 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.



134.8630, -35.9215, -5.1419



123.1370, 52.1905, -79.9271



141.2910, -34.6535, 54.9958

# Square

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



123.1370, 52.1905, -79.9271



144.6890, 2.1253, 65.1707



138.7640, -42.2817, 28.2710



111.8860, 12.3812, -98.1240



# Rectangle

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



123.1370, 52.1905, -79.9271



147.5650, 26.8365, 25.8145



138.7640, -42.2817, 28.2710



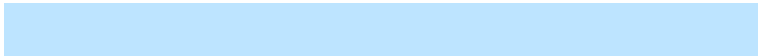
130.2000, -23.7626, -31.7474

# Sweetspot

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



123.1370, 52.1905, -79.9271



219.4170, 17.5424, -26.6757



156.6450, -22.5030, -109.3137



106.0610, 10.8159, -15.8395



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.



123.1370, 52.1905, -79.9271



117.7070, 67.6854, -103.2290



66.1980, 80.2614, -29.9916



108.4770, 3.2158, -4.8033



82.6280, 47.5114, -72.4648



23.4240, 13.5950, -20.5428



# Inverse Universe

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



104.2410, 22.0662, 109.4136



93.4590, 28.3677, 141.6715



194.8020, -80.2614, 29.9916



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543



# Previews

## White Background



This preview shows how the YUV color 123.1370, 52.1905, -79.9271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

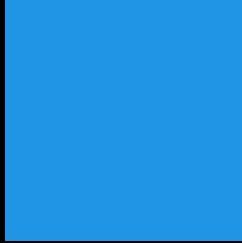
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 123.1370, 52.1905, -79.9271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

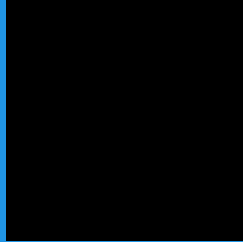
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

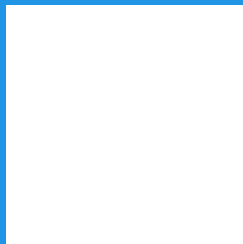
Any Text WCAG AAA × Fail

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

# YUV 123.1370, 52.1905, -79.9271 Background



This preview shows how black text looks on a background with the YUV color 123.1370, 52.1905, -79.9271.



This preview shows how white text looks on a background with the YUV color 123.1370, 52.1905, -79.9271.

-79.9271.

# 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

123.1370, 52.1905, -79.9271

### Protanopia

140.1610, 39.3606, -24.6972

### Deuteranopia

136.5870, 46.5456, -42.6108



## Tritanopia

112.1260, 28.5319, -98.3345

# Trichromacy



## Original Color

123.1370, 52.1905, -79.9271

## Protanomaly

134.1800, 43.7883, -44.8849

## Deuteranomaly

131.6670, 48.4782, -55.8360

## Tritanomaly

116.3470, 36.8039, -91.5123

# Monochromacy



## Original Color

123.1370, 52.1905, -79.9271

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8620, 19.2950, -28.8200

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.1370, 52.1905, -79.9271 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(32, 149, 229)` looks like.

```
.text, #text, p{  
    color:rgb(32, 149, 229)  
}
```

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(32, 149, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 149, 229) }
```

## Border

The CSS property to change the border of an element to YUV 123.1370, 52.1905, -79.9271 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(32, 149, 229) }
```



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

```
.border{ border-color:rgb(32, 149, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 149, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 149, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 149, 229);  
box-shadow:4px 4px 4px 4px rgb(32, 149,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 123.1370, 52.1905, -79.9271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 149, 229) }
```

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

```
.background{ background-color: rgb(32, 149,  
229) }
```

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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