

Converting Colors

YUV(123.1630, 56.1216,
-80.8270)

Have a look what the booklet for
YUV(123.1630, 56.1216, -80.8270)
contains.

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Color

**YUV(123.1630, 56.1216,
-80.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	1F94ED
RGB	31, 148, 237
RGB Percent	12%, 58%, 93%
CMY	0.8784, 0.4196, 0.0706
CMYK	0.87, 0.38, 0.00, 0.07
HSL	206°, 85%, 53%
HSV	206°, 87%, 93%
XYZ	26.4410, 27.5855, 84.0517
YIQ	123.1630, -98.3010, 2.8750

Conversions

Conversions Part 2

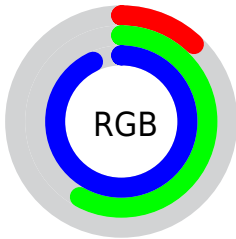
Format	Color
R_{YB}	31, 106, 237
Decimal	2069741
CIE _{Lab}	59.51, 0.92, -53.27
CIE _{LCh}	60, 53.281, 270.984
Yxy	27.5855, 0.1915, 0.1998
Android (android.graphics.Color)	4280259821 (0xFF1F94ED)
YUV	123.1630, 56.1216, -80.8270
Hunter-Lab	52.5219, -2.0514, -58.1174

Details

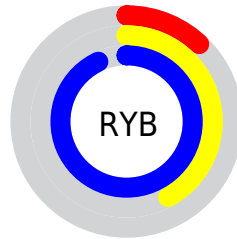
The YUV color **123.1630, 56.1216, -80.8270** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **144.8370, -56.1216, 80.8270**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0290, 35.9747, -58.7844**, and **78.1600, 50.7001, -68.5463** is the 20% darker color. If you saturate the color by 10%, you get **110.1170, 62.5533, -90.4336**, and if you desaturate by 10%, it is **136.2090, 49.6900, -71.2203**.

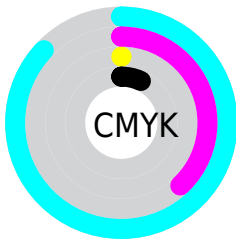
Distribution



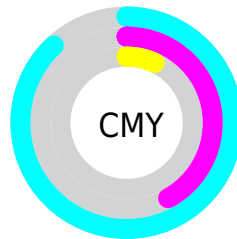
- Red (12%)
- Green (58%)
- Blue (93%)



- Red (12%)
- Yellow (42%)
- Blue (93%)



- Cyan (87%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (88%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1630, 56.1216, -80.8270 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 123.1630, 56.1216, -80.8270 by changing the saturation by 10% instead.

■ 123.1630, 56.1216,
-80.8270

■ 123.1630, 56.1216,
-80.8270

■ 255.0000, 0.0000,
0.0000

■ 95.3260, 55.5483,
-83.6009

■ 182.0290, 35.9747,
-58.7844

■ 78.1600, 50.7001,
-68.5463

■ 208.0330, 23.1547,
-53.5259

■ 61.4670, 45.1258,
-53.9066

■ 232.2760, 11.2029,
-46.7231

■ 45.5890, 40.1356,
-39.9816

■ 241.5450, 6.6333,
-27.6650

■ 30.8850, 34.5667,
-27.0861

■ 250.8140, 2.0637,
-8.6069

■ 14.6480, 30.7395,
-12.8463

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 123.1630, 56.1216,
-80.8270

■ 123.1630, 56.1216,
-80.8270

■ 110.1170, 62.5533,
-90.4336

■ 136.2090, 49.6900,
-71.2203

■ 106.2630, 64.4533,
-93.1927

■ 148.9560, 43.4057,
-62.2284

■ 162.5890, 36.6846,
-53.1366

■ 175.6350, 30.2529,
-43.5299

■ 188.3820, 23.9687,
-34.5380

■ 201.4280, 17.5370,
-24.9314

■ 215.0610, 10.8159,
-15.8395

■ 228.1070, 4.3842,
-6.2328

■ 240.8540, -1.9000,
2.7590

Harmonies

Analogous

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



119.5700, 51.9770, -104.8629



123.1630, 56.1216, -80.8270



145.7990, 38.5531, 1.0533

Triad

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



123.1630, 56.1216, -80.8270



141.5550, -21.4726, 74.0583



121.8740, -12.7559, -62.1565

Complementary

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



123.1630, 56.1216, -80.8270



144.8370, -56.1216, 80.8270

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.



133.4770, -37.2102, -11.8193



123.1630, 56.1216, -80.8270



140.7380, -39.3108, 55.4808

Square

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



123.1630, 56.1216, -80.8270



143.5760, 0.2090, 73.1628



137.6020, -46.6388, 25.7820



113.7440, 14.4232, -99.7535

Rectangle

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



123.1630, 56.1216, -80.8270



147.7340, 27.2461, 34.4363



137.6020, -46.6388, 25.7820



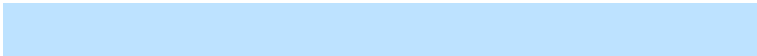
127.0740, -22.7145, -41.2839

Sweetspot

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



123.1630, 56.1216, -80.8270



218.2430, 18.1212, -25.6461



161.7260, -22.0499, -114.6467



105.4740, 11.1053, -15.3247



0.0000, 0.0000, 0.0000



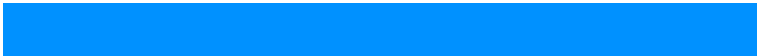
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.1630, 56.1216, -80.8270



114.1850, 69.4218, -100.1402



64.4630, 85.0607, -29.3471



110.7760, 3.0684, -4.1886



81.0950, 49.2532, -71.1203



23.7660, 14.9054, -20.8428

Inverse Universe

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



105.9320, 20.7395, 114.9466



92.7750, 25.7469, 142.2713



203.5370, -85.0607, 29.3471



109.9730, 0.9993, 6.1627



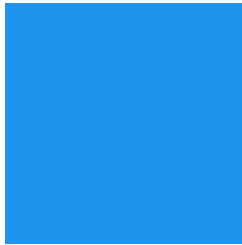
65.8610, 18.3095, 100.9769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 123.1630, 56.1216, -80.8270 looks on a white background.

Color Contrast Check

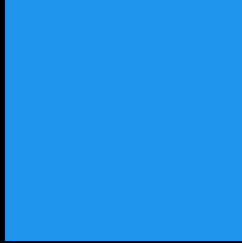
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1630, 56.1216, -80.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

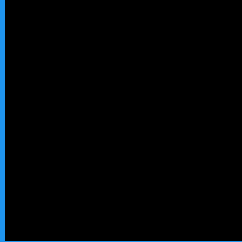
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

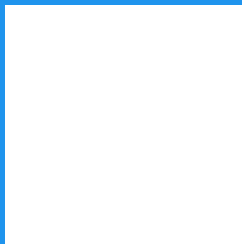
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.1630, 56.1216, -80.8270

Background



This preview shows how black text looks on a background with the YUV color 123.1630, 56.1216, -80.8270.



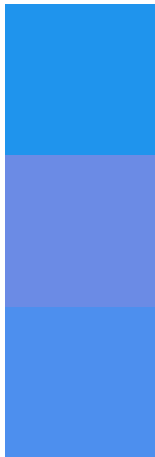
This preview shows how white text looks on a background with the YUV color 123.1630, 56.1216, -80.8270.

-80.8270.

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

123.1630, 56.1216, -80.8270

Protanopia

139.6920, 44.0288, -28.6709

Deuteranopia

134.0960, 51.2247, -50.0732



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

123.1630, 56.1216, -80.8270

Protanomaly

133.4230, 48.5985, -47.7290

Deuteranomaly

130.1870, 53.1518, -61.5540

Tritanomaly

115.8030, 38.5511, -91.9122

Monochromacy



Original Color

123.1630, 56.1216, -80.8270

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0900, 20.1686, -29.0199

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1630, 56.1216, -80.8270 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(31, 148, 237)` looks like.

```
.text, #text, p{  
    color:rgb(31, 148, 237)  
}
```

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(31, 148, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 148, 237) }
```

Border

The CSS property to change the border of an element to YUV 123.1630, 56.1216, -80.8270 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(31, 148, 237) }
```


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

```
.border{ border-color:rgb(31, 148, 237) }
```

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

Here you see how a box with a 4 pixel rgb(31, 148, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 148, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 148, 237);  
box-shadow:4px 4px 4px 4px rgb(31, 148,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 123.1630, 56.1216, -80.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 148, 237) }
```

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

```
.background{ background-color: rgb(31, 148,  
237) }
```

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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