

Converting Colors

YUV(129.9510, 31.0832,
-29.7750)

Have a look what the booklet for
YUV(129.9510, 31.0832, -29.7750)
contains.

YUV(129.9510, 31.0832, -29.7750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.9510, 31.0832,
-29.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	6087C1
RGB	96, 135, 193
RGB Percent	38%, 53%, 76%
CMY	0.6235, 0.4706, 0.2431
CMYK	0.50, 0.30, 0.00, 0.24
HSL	216°, 44%, 57%
HSV	216°, 50%, 76%
XYZ	23.1135, 23.6650, 53.8017
YIQ	129.9510, -41.8620, 9.7700

Conversions

Conversions Part 2

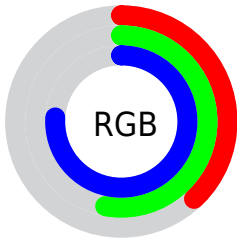
Format	Color
R_{YB}	96, 124, 193
Decimal	6326209
CIE _{Lab}	55.75, 2.82, -34.41
CIE _{LCh}	56, 34.523, 274.683
Yxy	23.6650, 0.2298, 0.2353
Android (android.graphics.Color)	4284516289 (0xFF6087C1)
YUV	129.9510, 31.0832, -29.7750
Hunter-Lab	48.6467, -0.3211, -31.5202

Details

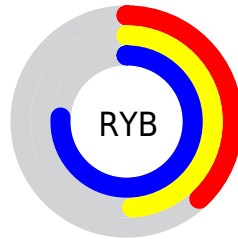
The YUV color **129.9510, 31.0832, -29.7750** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **159.0490, -31.0832, 29.7750**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0050, 32.5355, -28.9454**, and **77.6900, 30.2258, -34.8081** is the 20% darker color. If you saturate the color by 10%, you get **117.2260, 37.3566, -35.2782**, and if you desaturate by 10%, it is **142.6760, 24.8097, -24.2719**.

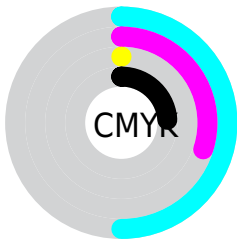
Distribution



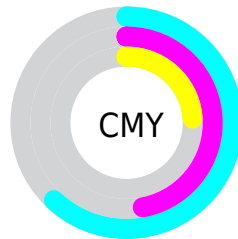
- Red (38%)
- Green (53%)
- Blue (76%)



- Red (38%)
- Yellow (49%)
- Blue (76%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9510, 31.0832, -29.7750 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 129.9510, 31.0832, -29.7750 by changing the saturation by 10% instead.

■ 129.9510, 31.0832,
-29.7750

■ 129.9510, 31.0832,
-29.7750

■ 255.0000, 0.0000,
0.0000

■ 103.8260, 30.6518,
-31.4194

■ 184.0050, 32.5355,
-28.9454

■ 77.6900, 30.2258,
-34.8081

■ 209.6820, 22.3418,
-26.0311

■ 49.8630, 31.1265,
-43.7299

■ 234.4900, 10.1114,
-23.2317

■ 34.2130, 27.0100,
-30.0048

■ 249.9170, 2.5059,
-10.4512

■ 19.7370, 22.3147,
-17.3093

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 129.9510, 31.0832,
-29.7750

■ 129.9510, 31.0832,
-29.7750

■ 117.2260, 37.3566,
-35.2782

■ 142.6760, 24.8097,
-24.2719

■ 104.7890, 43.4880,
-41.9110

■ 155.1130, 18.6783,
-17.6391

■ 92.0640, 49.7614,
-47.4141

■ 167.8380, 12.4049,
-12.1359

■ 79.9260, 55.7455,
-53.4321

■ 179.9760, 6.4208,
-6.1180

■ 67.7880, 61.7295,
-59.4501

■ 193.0000, 0.0000,
0.0000

■ 205.1380, -5.9840,
6.0180

■ 217.8630,
-12.2575, 11.5211

■ 230.0010,
-18.2415, 17.5391

■ 238.5400,
-22.4512, 14.4354

Harmonies

Analogous

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



114.5280, 35.7287, -73.2541



129.9510, 31.0832, -29.7750



136.4070, 22.9703, 5.7821

Triad

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



129.9510, 31.0832, -29.7750



134.3560, -16.4445, 47.9228



122.1080, -7.4482, -37.8057

Complementary

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



129.9510, 31.0832, -29.7750



159.0490, -31.0832, 29.7750

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.



127.5000, -21.9385, -10.0855



129.9510, 31.0832, -29.7750



133.3470, -26.3001, 35.6527

Square

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



129.9510, 31.0832, -29.7750



136.2000, -3.0566, 47.1826



130.6450, -28.4190, 15.2203



110.8550, 12.8895, -74.4178

Rectangle

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



129.9510, 31.0832, -29.7750



137.5790, 15.4906, 24.9252



130.6450, -28.4190, 15.2203



124.3820, -13.0063, -28.3990

Sweetspot

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



129.9510, 31.0832, -29.7750



225.1370, 12.2575, -11.5211



159.4370, -3.1734, -55.6342



110.4920, 7.1524, -7.4475



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.9510, 31.0832, -29.7750



152.3200, 48.1562, -45.8846



109.4500, 41.1902, -4.7796



90.4880, 3.2104, -3.0590



56.5090, 51.5141, -49.5584



11.3930, 10.6523, -9.9917

Inverse Universe

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



129.4490, 2.7366, 55.7342



151.6900, 4.0968, 86.2179



179.5500, -41.1901, 4.7797



90.4460, 0.2731, 5.7479



55.5490, 4.6593, 92.4805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 129.9510, 31.0832, -29.7750 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 129.9510, 31.0832, -29.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

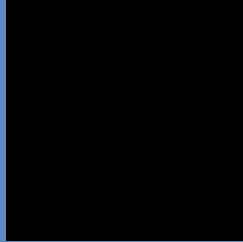
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.9510, 31.0832, -29.7750

Background



This preview shows how black text looks on a background with the YUV color 129.9510, 31.0832, -29.7750.



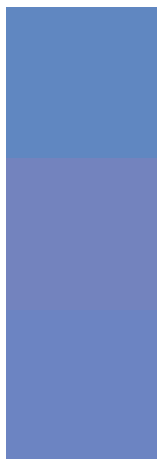
This preview shows how white text looks on a background with the YUV color 129.9510, 31.0832, -29.7750.

-29.7750.

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

129.9510, 31.0832, -29.7750

Protanopia

132.9420, 28.1296, -15.7351

Deuteranopia

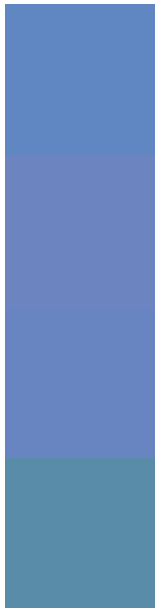
131.8920, 30.6192, -20.9533



Tritanopia

126.3140, 13.6492, -37.9864

Trichromacy



Original Color

129.9510, 31.0832, -29.7750

Protanomaly

131.5500, 29.3088, -20.6534

Deuteranomaly

131.2830, 30.9195, -23.9272

Tritanomaly

127.6440, 19.8955, -34.7678

Monochromacy



Original Color

129.9510, 31.0832, -29.7750

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9510, 31.0832, -29.7750 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(96, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(96, 135, 193)  
}
```

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(96, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 135, 193) }
```

Border

The CSS property to change the border of an element to YUV 129.9510, 31.0832, -29.7750 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(96, 135, 193) }
```


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

```
.border{ border-color:rgb(96, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(96, 135,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 129.9510, 31.0832, -29.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 135, 193) }
```

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

```
.background{ background-color: rgb(96, 135,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor