

Converting Colors

YUV(162.9510, 31.0832,
-29.7750)

Have a look what the booklet for
YUV(162.9510, 31.0832, -29.7750)
contains.

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Color

**YUV(162.9510, 31.0832,
-29.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	81A8E2
RGB	129, 168, 226
RGB Percent	51%, 66%, 89%
CMY	0.4941, 0.3412, 0.1137
CMYK	0.43, 0.26, 0.00, 0.11
HSL	216°, 63%, 70%
HSV	216°, 43%, 89%
XYZ	36.7834, 38.1634, 77.3791
YIQ	162.9510, -41.8620, 9.7700

Conversions

Conversions Part 2

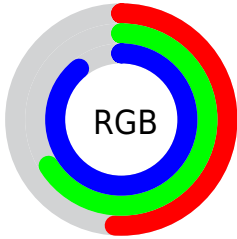
Format	Color
R_{YB}	129, 157, 226
Decimal	8497378
CIE Lab	68.14, 1.69, -33.41
CIE LCh	68, 33.450, 272.900
Yxy	38.1634, 0.2415, 0.2505
Android (android.graphics.Color)	4286687458 (0xFF81A8E2)
YUV	162.9510, 31.0832, -29.7750
Hunter-Lab	61.7765, -1.8253, -31.0210

Details

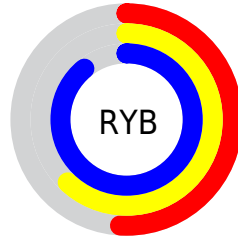
The YUV color **162.9510, 31.0832, -29.7750** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192.0490, -31.0832, 29.7750**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2860, 19.5790, -26.5608**, and **109.5980, 29.7782, -31.2194** is the 20% darker color. If you saturate the color by 10%, you get **147.8560, 38.5250, -36.7077**, and if you desaturate by 10%, it is **178.0460, 23.6413, -22.8423**.

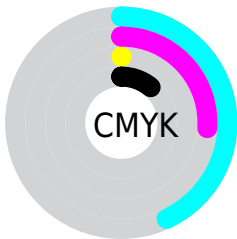
Distribution



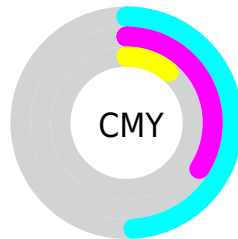
- Red (51%)
- Green (66%)
- Blue (89%)



- Red (51%)
- Yellow (62%)
- Blue (89%)



- Cyan (43%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9510, 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 162.9510, 31.0832, -29.7750 by changing the saturation by 10% instead.

■ 162.9510, 31.0832,
-29.7750

■ 162.9510, 31.0832,
-29.7750

255.0000, 0.0000,
0.0000

■ 136.1250, 30.5044,
-30.8046

■ 215.2860, 19.5790,
-26.5608

■ 109.5980, 29.7782,
-31.2194

■ 240.9800, 6.9119,
-23.6615

■ 83.5760, 29.7890,
-34.7082

■ 251.4120, 1.7689,
-7.3773

■ 54.2540, 31.4268,
-46.7038

■ 38.1910, 27.0208,
-33.4935

■ 23.1280, 22.6149,
-20.2833

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 162.9510, 31.0832,
-29.7750

■ 162.9510, 31.0832,
-29.7750

■ 147.8560, 38.5250,
-36.7077

■ 178.0460, 23.6413,
-22.8423

■ 133.6470, 45.5300,
-43.5404

■ 192.2550, 16.6363,
-16.0096

■ 118.5520, 52.9719,
-50.4731

■ 207.3500, 9.1945,
-9.0769

■ 104.3430, 59.9769,
-57.3058

■ 221.5590, 2.1894,
-2.2442

■ 89.2480, 67.4187,
-64.2385

■ 236.6540, -5.2524,
4.6884

■ 79.1810, 72.3818,
-69.4417

■ 248.1720,
-10.9308, 5.9882

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



153.3830, 32.3492, -62.6029



162.9510, 31.0832, -29.7750



168.9230, 23.7020, 4.4525

Triad

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



162.9510, 31.0832, -29.7750



168.0680, -16.3025, 49.0524



156.0760, -8.9115, -35.1467

Complementary

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



162.9510, 31.0832, -29.7750



192.0490, -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.



160.5820, -22.9649, -7.5264



162.9510, 31.0832, -29.7750



166.3580, -26.3055, 37.3970

Square

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



162.9510, 31.0832, -29.7750



169.6130, -2.7672, 47.6974



163.8410, -29.0086, 17.6794



150.1940, 8.7784, -62.4371

Rectangle

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



162.9510, 31.0832, -29.7750



170.3940, 16.0748, 24.2105



163.8410, -29.0086, 17.6794



157.4640, -14.0328, -25.8399

Sweetspot

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



162.9510, 31.0832, -29.7750



233.3930, 10.6523, -9.9917



192.4370, -3.1734, -55.6342



114.0900, 6.8576, -6.2179



0.0000, 0.0000, 0.0000



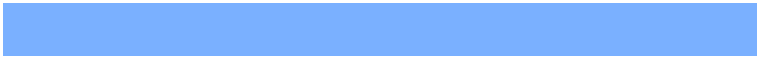
128.0000, 0.0000, 0.0000

Same Dimension

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



162.9510, 31.0832, -29.7750



168.8600, 42.4670, -41.0962



142.4500, 41.1901, -4.7797



104.6020, 3.6472, -3.1590



61.7410, 56.3297, -54.1469



16.6250, 15.4679, -14.5801

Inverse Universe

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



162.4490, 2.7366, 55.7342



167.9230, 3.9820, 76.3665



212.5500, -41.1901, 4.7797



104.7450, 0.1257, 6.3626



60.7180, 5.0690, 101.1023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 162.9510, 31.0832, -29.7750 looks on a white background.

Color Contrast Check

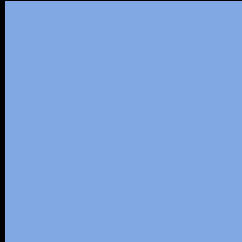
Large Text (above 18pt) WCAG AA × Fail

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 162.9510, 31.0832, -29.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

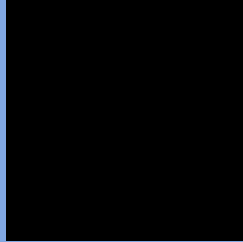
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

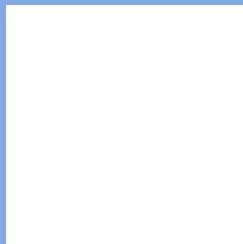
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.9510, 31.0832, -29.7750

Background



This preview shows how black text looks on a background with the YUV color 162.9510, 31.0832, -29.7750.



This preview shows how white text looks on a background with the YUV color 162.9510, 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

162.9510, 31.0832, -29.7750

Protanopia

165.6540, 28.2716, -14.6056

Deuteranopia

165.5120, 30.3136, -16.2350



Tritanopia

159.8520, 14.3700, -35.8272

Trichromacy



Original Color

162.9510, 31.0832, -29.7750

Protanomaly

164.8490, 29.1614, -20.0386

Deuteranomaly

164.5930, 30.7667, -21.5681

Tritanomaly

160.7690, 20.3269, -33.1234

Monochromacy



Original Color

162.9510, 31.0832, -29.7750

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9510, 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(129, 168, 226)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 226)  
}
```

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(129, 168, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 226) }
```

Border

The CSS property to change the border of an element to YUV 162.9510, 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(129, 168, 226) }
```


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

```
.border{ border-color:rgb(129, 168, 226) }
```

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

Here you see how a box with a 4 pixel rgb(129, 168, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 226);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 162.9510, 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(129, 168, 226) }
```

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

```
.background{ background-color: rgb(129,  
168, 226) }
```

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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