

Converting Colors

YUV(151.9530, 28.1242,
-13.9908)

Have a look what the booklet for
YUV(151.9530, 28.1242, -13.9908)
contains.

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Color

**YUV(151.9530, 28.1242,
-13.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	8895D1
RGB	136, 149, 209
RGB Percent	53%, 58%, 82%
CMY	0.4667, 0.4157, 0.1804
CMYK	0.35, 0.29, 0.00, 0.18
HSL	229°, 44%, 68%
HSV	229°, 35%, 82%
XYZ	32.4094, 31.3326, 64.6612
YIQ	151.9530, -27.0080, 15.9040

Conversions

Conversions Part 2

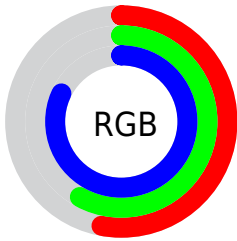
Format	Color
R_{YB}	136, 147, 209
Decimal	8951249
CIE _{Lab}	62.79, 9.71, -32.27
CIE _{LCh}	63, 33.699, 286.750
Yxy	31.3326, 0.2524, 0.2440
Android (android.graphics.Color)	4287141329 (0xFF8895D1)
YUV	151.9530, 28.1242, -13.9908
Hunter-Lab	55.9755, 5.3930, -29.3072

Details

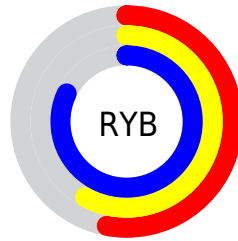
The YUV color **151.9530, 28.1242, -13.9908** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **193.0470, -28.1242, 13.9908**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3400, 24.4824, -12.5762**, and **99.8990, 26.6718, -14.8204** is the 20% darker color. If you saturate the color by 10%, you get **135.6950, 36.1394, -18.1495**, and if you desaturate by 10%, it is **168.2110, 20.1090, -9.8320**.

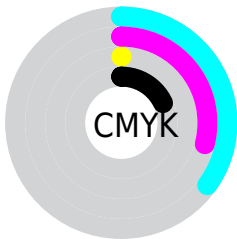
Distribution



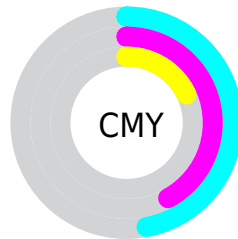
- Red (53%)
- Green (58%)
- Blue (82%)



- Red (53%)
- Yellow (58%)
- Blue (82%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9530, 28.1242, -13.9908 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 151.9530, 28.1242, -13.9908 by changing the saturation by 10% instead.

■ 151.9530, 28.1242,
-13.9908

■ 151.9530, 28.1242,
-13.9908

255.0000, 0.0000,
0.0000

■ 125.4260, 27.3980,
-14.4056

■ 205.3400, 24.4824,
-12.5762

■ 99.8990, 26.6718,
-14.8204

■ 230.4470, 12.1046,
-9.1620

■ 75.6600, 25.8036,
-16.3648

■ 253.2060, 0.8844,
-3.6887

■ 51.2360, 25.5197,
-18.6240

■ 27.6760, 24.8097,
-24.2719

■ 10.3790, 21.9982,
-9.1024

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 151.9530, 28.1242,
-13.9908

■ 151.9530, 28.1242,
-13.9908

■ 135.6950, 36.1394,
-18.1495

■ 168.2110, 20.1090,
-9.8320

■ 119.4370, 44.1546,
-22.3082

■ 184.4690, 12.0938,
-5.6733

■ 102.5920, 52.4591,
-25.9522

■ 201.3140, 3.7892,
-2.0294

■ 86.3340, 60.4743,
-30.1109

■ 217.5720, -4.2260,
2.1294

■ 70.3750, 68.3421,
-33.6549

■ 233.8300,
-12.2412, 6.2881

■ 54.1170, 76.3573,
-37.8136

■ 247.9950,
-19.2245, 6.1434

■ 45.5450, 80.5833,
-39.9430

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



142.9870, 33.0374, -49.9776



151.9530, 28.1242, -13.9908



155.6320, 18.4224, 17.8627

Triad

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



151.9530, 28.1242, -13.9908



152.4820, -20.9436, 44.3043



138.4640, -0.7218, -48.6419

Complementary

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



151.9530, 28.1242, -13.9908



193.0470, -28.1242, 13.9908

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.



144.4000, -16.9592, -20.5218



151.9530, 28.1242, -13.9908



150.8470, -28.0256, 29.0752

Square

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



151.9530, 28.1242, -13.9908



154.3160, -9.0298, 49.7119



148.0460, -26.6447, 6.0987



130.6250, 18.4259, -76.8471

Rectangle

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



151.9530, 28.1242, -13.9908



155.8530, 9.9325, 34.3319



148.0460, -26.6447, 6.0987



140.6240, -6.7166, -39.1352

Sweetspot

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



151.9530, 28.1242, -13.9908



235.1980, 9.7624, -4.5586



185.6910, 5.0823, -43.5790



115.5850, 6.1206, -3.1440



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.



151.9530, 28.1242, -13.9908



171.3510, 41.2390, -20.4788



151.1990, 28.4959, 6.8415



96.4280, 4.2260, -2.1294



36.7620, 64.7003, -32.2403



8.7830, 15.8830, -7.7027

Inverse Universe

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



159.3090, -5.0823, 43.5790



182.1590, -7.4734, 63.8816



193.8010, -28.4959, -6.8415



97.5170, -0.7479, 6.5626



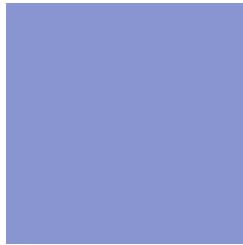
53.6520, -11.6604, 100.2832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 151.9530, 28.1242, -13.9908 looks on a white background.

Color Contrast Check

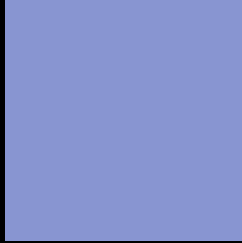
Large Text (above 18pt) WCAG AA × Fail

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 151.9530, 28.1242, -13.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

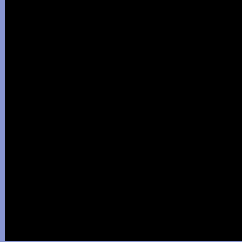
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.9530, 28.1242, -13.9908

Background



This preview shows how black text looks on a background with the YUV color 151.9530, 28.1242, -13.9908.



This preview shows how white text looks on a background with the YUV color 151.9530, 28.1242, -13.9908.

-13.9908.

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

151.9530, 28.1242, -13.9908

Protanopia

151.9420, 28.1296, -15.7351

Deuteranopia

151.6430, 28.2770, -16.3499



Tritanopia

149.3980, 9.6638, -19.6430

Trichromacy



Original Color

151.9530, 28.1242, -13.9908

Protanomaly

152.2410, 27.9822, -15.1204

Deuteranomaly

151.9420, 28.1296, -15.7351

Tritanomaly

150.2440, 16.6417, -17.7540

Monochromacy



Original Color

151.9530, 28.1242, -13.9908

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9530, 28.1242, -13.9908 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(136, 149, 209)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 209)  
}
```

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(136, 149, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 209) }
```

Border

The CSS property to change the border of an element to YUV 151.9530, 28.1242, -13.9908 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(136, 149, 209) }
```


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

```
.border{ border-color:rgb(136, 149, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 209);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 151.9530, 28.1242, -13.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 209) }
```

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

```
.background{ background-color: rgb(136,  
149, 209) }
```

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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