

Converting Colors

YUV(151.0470, 18.7108,
-28.1052)

Have a look what the booklet for
YUV(151.0470, 18.7108, -28.1052)
contains.

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Color

**YUV(151.0470, 18.7108,
-28.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	77A0BD
RGB	119, 160, 189
RGB Percent	47%, 63%, 74%
CMY	0.5333, 0.3725, 0.2588
CMYK	0.37, 0.15, 0.00, 0.26
HSL	205°, 35%, 60%
HSV	205°, 37%, 74%
XYZ	29.3639, 32.7377, 52.9155
YIQ	151.0470, -33.7450, 0.3270

Conversions

Conversions Part 2

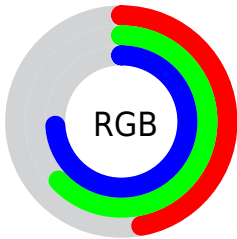
Format	Color
R _{YB}	119, 145, 189
Decimal	7839933
CIE Lab	63.95, -6.59, -19.40
CIE LCh	64, 20.492, 251.228
Yxy	32.7377, 0.2553, 0.2846
Android (android.graphics.Color)	4286030013 (0xFF77A0BD)
YUV	151.0470, 18.7108, -28.1052
Hunter-Lab	57.2168, -8.5227, -14.7810

Details

The YUV color $151.0470, 18.7108, -28.1052$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $156.9530, -18.7108, 28.1052$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.8620, 19.2950, -28.8200$, and $99.5200, 17.9846, -28.5200$ is the 20% darker color. If you saturate the color by 10%, you get $140.6700, 23.8267, -35.6676$, and if you desaturate by 10%, it is $161.4240, 13.5950, -20.5428$.

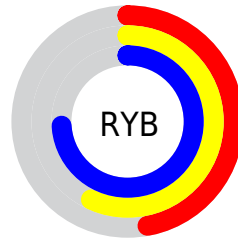
Distribution



Red (47%)

Green (63%)

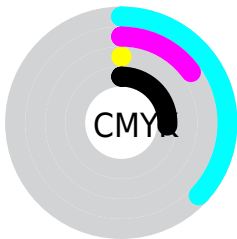
Blue (74%)



Red (47%)

Yellow (57%)

Blue (74%)

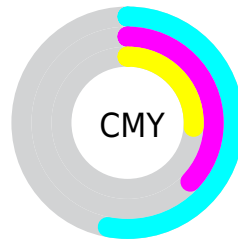


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0470, 18.7108, -28.1052 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 151.0470, 18.7108, -28.1052 by changing the saturation by 10% instead.

■ 151.0470, 18.7108,
-28.1052

■ 151.0470, 18.7108,
-28.1052

■ 255.0000, 0.0000,
0.0000

■ 124.9330, 18.2740,
-28.0052

■ 205.8620, 19.2950,
-28.8200

■ 99.5200, 17.9846,
-28.5200

■ 231.8100, 11.4327,
-27.0204

■ 73.8080, 17.8427,
-29.6496

■ 247.5250, 3.6852,
-15.3694

■ 48.0030, 18.7325,
-35.0826

■ 30.5480, 15.5058,
-26.7906

■ 15.7130, 11.9735,
-13.7803

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 151.0470, 18.7108,
-28.1052

■ 151.0470, 18.7108,
-28.1052

■ 140.6700, 23.8267,
-35.6676

■ 161.4240, 13.5950,
-20.5428

■ 130.2930, 28.9426,
-43.2300

■ 171.8010, 8.4791,
-12.9805

■ 120.5030, 33.7690,
-51.3071

■ 181.5910, 3.6526,
-4.9033

■ 110.1260, 38.8849,
-58.8695

■ 191.9680, -1.4632,
2.6591

■ 100.0480, 43.8533,
-65.8171

■ 202.3450, -6.5791,
10.2214

■ 89.6710, 48.9692,
-73.3795

■ 212.4230,
-11.5475, 17.1690

■ 86.7030, 50.4324,
-76.0385

■ 222.8000,
-16.6634, 24.7314

■ 228.6920,
-19.5682, 23.0721

■ 232.8010,
-21.5939, 19.4685

Harmonies

Analogous

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



147.9550, 14.8122, -37.6715



151.0470, 18.7108, -28.1052



154.9290, 17.7830, -10.4617

Triad

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



151.0470, 18.7108, -28.1052



157.7480, -4.3128, 30.0390



151.1440, -11.9030, -8.8963

Complementary

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



151.0470, 18.7108, -28.1052



156.9530, -18.7108, 28.1052

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.



153.5760, -17.0460, 7.3878



151.0470, 18.7108, -28.1052



156.9730, -12.3117, 28.9647

Square

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



151.0470, 18.7108, -28.1052



157.9950, 4.4395, 22.8064



155.3650, -16.9419, 20.7279



148.7490, -2.8343, -24.3359

Rectangle

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



151.0470, 18.7108, -28.1052



156.7950, 14.3981, 1.9338



155.3650, -16.9419, 20.7279



152.1940, -14.3926, -3.6781

Sweetspot

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



151.0470, 18.7108, -28.1052



230.4700, 7.1633, -10.9362



163.2820, -8.0270, -38.8353



113.6940, 4.0949, -6.7476



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



151.0470, 18.7108, -28.1052



186.2930, 28.9426, -43.2300



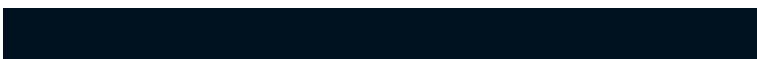
131.0890, 28.5501, -10.6021



88.9610, 2.4842, -3.4738



72.6030, 42.1007, -63.6728



14.1000, 8.3317, -12.3657

Inverse Universe

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



144.6040, 7.5902, 38.9353



176.4740, 11.5983, 60.0973



176.9110, -28.5501, 10.6021



88.2610, 0.8573, 5.0331



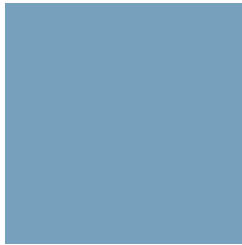
57.8440, 17.3319, 87.8368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 151.0470, 18.7108, -28.1052 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 151.0470, 18.7108, -28.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

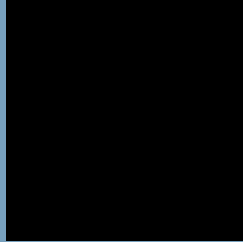
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

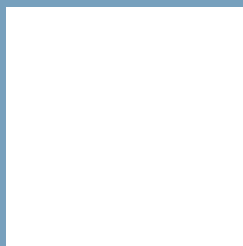
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.0470, 18.7108, -28.1052

Background



This preview shows how black text looks on a background with the YUV color 151.0470, 18.7108, -28.1052.



This preview shows how white text looks on a background with the YUV color 151.0470, 18.7108,

-28.1052.

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

151.0470, 18.7108, -28.1052

Protanopia

155.0390, 14.2778, -6.1732

Deuteranopia

155.5600, 17.4719, -3.9991



Tritanopia

149.7280, 12.4591, -29.5795

Trichromacy



Original Color

151.0470, 18.7108, -28.1052

Protanomaly

153.7390, 15.9047, -14.6801

Deuteranomaly

153.6190, 17.9358, -12.8209

Tritanomaly

150.0100, 14.7851, -28.9498

Monochromacy



Original Color

151.0470, 18.7108, -28.1052

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0470, 18.7108, -28.1052 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(119, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 189)  
}
```

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(119, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 189) }
```

Border

The CSS property to change the border of an element to YUV 151.0470, 18.7108, -28.1052 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(119, 160, 189) }
```


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

```
.border{ border-color:rgb(119, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 160, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 160, 189); box-shadow:4px 4px 4px 4px rgb(119, 160, 189) }
```

Background

The CSS property to change the background color of an element to YUV 151.0470, 18.7108, -28.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 160, 189) }
```

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

```
.background{ background-color: rgb(119,  
160, 189) }
```

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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