

Converting Colors

YUV(132.8820, 32.1032,
-77.0725)

Have a look what the booklet for
YUV(132.8820, 32.1032, -77.0725)
contains.

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Color

**YUV(132.8820, 32.1032,
-77.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	2DA5C6
RGB	45, 165, 198
RGB Percent	18%, 65%, 78%
CMY	0.8235, 0.3529, 0.2235
CMYK	0.77, 0.17, 0.00, 0.22
HSL	193°, 63%, 48%
HSV	193°, 77%, 78%
XYZ	24.7304, 31.5454, 58.2115
YIQ	132.8820, -82.1130, -15.1770

Conversions

Conversions Part 2

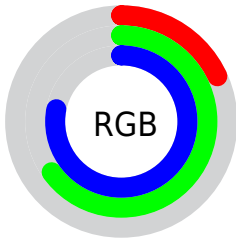
Format	Color
R_{YB}	45, 112, 198
Decimal	2991558
CIE _{Lab}	62.97, -21.16, -26.18
CIE _{LCh}	63, 33.662, 231.042
Yxy	31.5454, 0.2160, 0.2755
Android (android.graphics.Color)	4281181638 (0xFF2DA5C6)
YUV	132.8820, 32.1032, -77.0725
Hunter-Lab	56.1653, -19.6931, -22.1344

Details

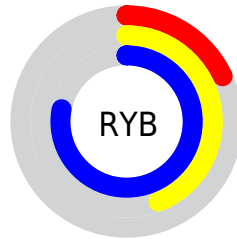
The YUV color **132.8820, 32.1032, -77.0725** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **110.1180, -32.1032, 77.0725**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5950, 30.7657, -68.0508**, and **82.7470, 30.1977, -72.5691** is the 20% darker color. If you saturate the color by 10%, you get **124.5540, 36.2089, -87.3089**, and if you desaturate by 10%, it is **141.2100, 27.9975, -66.8362**.

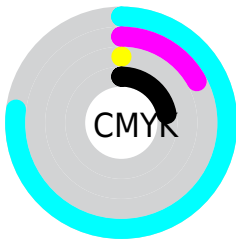
Distribution



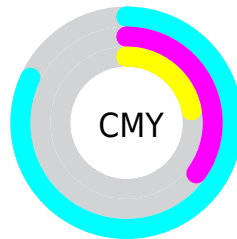
- Red (18%)
- Green (65%)
- Blue (78%)



- Red (18%)
- Yellow (44%)
- Blue (78%)



- Cyan (77%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.8820, 32.1032, -77.0725 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 132.8820, 32.1032, -77.0725 by changing the saturation by 10% instead.

■ 132.8820, 32.1032,
-77.0725

■ 132.8820, 32.1032,
-77.0725

■ 255.0000, 0.0000,
0.0000

■ 101.0870, 34.4671,
-88.6533

■ 192.5950, 30.7657,
-68.0508

■ 82.7470, 30.1977,
-72.5691

■ 218.5880, 17.9511,
-64.5367

■ 65.1080, 26.0758,
-57.0997

■ 231.0800, 11.7926,
-49.1822

■ 48.7570, 21.8118,
-42.7599

■ 240.0500, 7.3704,
-30.7388

■ 32.6340, 18.4214,
-28.6200

■ 249.3190, 2.8007,
-11.6808

■ 17.6850, 14.4523,
-15.5097

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 132.8820, 32.1032,
-77.0725

■ 132.8820, 32.1032,
-77.0725

■ 124.5540, 36.2089,
-87.3089

■ 141.2100, 27.9975,
-66.8362

■ 115.6390, 40.6040,
-97.0304

■ 150.1250, 23.6024,
-57.1146

■ 113.5570, 41.6304,
-99.5895

■ 158.1540, 19.6441,
-47.4931

■ 166.4820, 15.5384,
-37.2567

■ 174.8100, 11.4327,
-27.0204

■ 183.7250, 7.0376,
-17.2988

■ 192.0530, 2.9319,
-7.0625

■ 200.0820, -1.0264,
2.5591

■ 208.4100, -5.1321,
12.7954

Harmonies

Analogous

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



129.9990, 21.1995, -79.8061



132.8820, 32.1032, -77.0725



144.9060, 32.5843, -44.6446

Triad

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



132.8820, 32.1032, -77.0725



156.1870, 3.3588, 42.8090



148.2520, -25.7602, 2.4100

Complementary

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



132.8820, 32.1032, -77.0725



110.1180, -32.1032, 77.0725

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.



150.7110, -28.4515, 25.6865



132.8820, 32.1032, -77.0725



154.4470, -11.0664, 49.5970

Square

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



132.8820, 32.1032, -77.0725



156.1980, 16.6644, 21.7514



153.0150, -22.6854, 42.9598



143.9480, -14.7644, -24.5104

Rectangle

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



132.8820, 32.1032, -77.0725



151.5500, 29.3089, -20.6533



153.0150, -22.6854, 42.9598



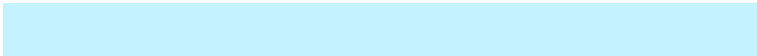
149.1390, -27.6765, 10.4021

Sweetspot

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



132.8820, 32.1032, -77.0725



229.7280, 12.4591, -29.5795



138.3450, -30.7361, -81.8636



112.5400, 7.6218, -18.0136



0.0000, 0.0000, 0.0000



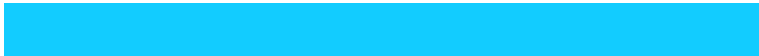
128.0000, 0.0000, 0.0000

Same Dimension

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



132.8820, 32.1032, -77.0725



154.2000, 49.6944, -119.4474



89.4440, 53.5181, -38.9774



95.1350, 1.9054, -4.5034



93.7180, 34.1560, -82.1907



20.5400, 7.6218, -18.0136

Inverse Universe

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



104.4270, 29.8625, 82.0635



110.0670, 46.3090, 127.1062



153.5560, -53.5181, 38.9774



93.4890, 1.7309, 4.8331



63.3290, 31.8828, 87.4115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 132.8820, 32.1032, -77.0725 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 132.8820, 32.1032, -77.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

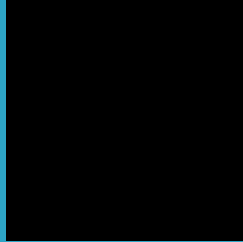
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 132.8820, 32.1032, -77.0725

Background



This preview shows how black text looks on a background with the YUV color 132.8820, 32.1032, -77.0725.

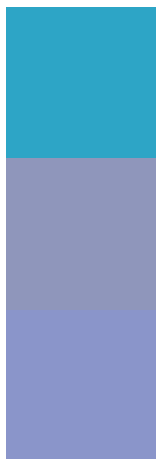


This preview shows how white text looks on a background with the YUV color 132.8820, 32.1032, -77.0725.

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

132.8820, 32.1032, -77.0725

Protanopia

152.1250, 17.1934, -8.0026

Deuteranopia

151.7530, 24.7718, -12.0614



Tritanopia

127.3230, 26.4628, -87.9833

Trichromacy



Original Color

132.8820, 32.1032, -77.0725

Protanomaly

144.7520, 22.8003, -33.1085

Deuteranomaly

144.9950, 27.6105, -35.9526

Tritanomaly

129.5130, 28.3411, -83.7649

Monochromacy



Original Color

132.8820, 32.1032, -77.0725

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2120, 11.7275, -28.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.8820, 32.1032, -77.0725 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(45, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(45, 165, 198)  
}
```

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(45, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 165, 198) }
```

Border

The CSS property to change the border of an element to YUV 132.8820, 32.1032, -77.0725 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(45, 165, 198) }
```


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

```
.border{ border-color:rgb(45, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(45, 165,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 132.8820, 32.1032, -77.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 165, 198) }
```

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

```
.background{ background-color: rgb(45, 165,  
198) }
```

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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