

Converting Colors

YUV(152.2230, 18.1311,
-75.6176)

Have a look what the booklet for
YUV(152.2230, 18.1311, -75.6176)
contains.

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Color

**YUV(152.2230, 18.1311,
-75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	42BDBD
RGB	66, 189, 189
RGB Percent	26%, 74%, 74%
CMY	0.7412, 0.2588, 0.2588
CMYK	0.65, 0.00, 0.00, 0.26
HSL	180°, 48%, 50%
HSV	180°, 65%, 74%
XYZ	29.6297, 41.2276, 54.5402
YIQ	152.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

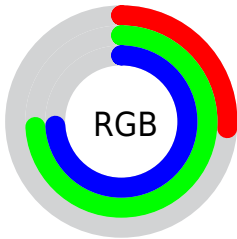
Format	Color
RYB	66, 128, 189
Decimal	4373949
CIELab	70.34, -33.11, -9.98
CIElCh	70, 34.580, 196.779
Yxy	41.2276, 0.2363, 0.3288
Android (android.graphics.Color)	4282564029 (0xFF42BDBD)
YUV	152.2230, 18.1311, -75.6176
Hunter-Lab	64.2087, -29.9948, -5.4161

Details

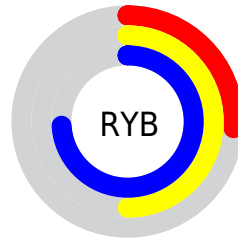
The YUV color **152.2230, 18.1311, -75.6176** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **102.7770, -18.1311, 75.6176**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9030, 16.8098, -71.8289**, and **94.7490, 20.3367, -83.0949** is the 20% darker color. If you saturate the color by 10%, you get **146.5420, 20.9318, -87.2983**, and if you desaturate by 10%, it is **157.9040, 15.3303, -63.9368**.

Distribution



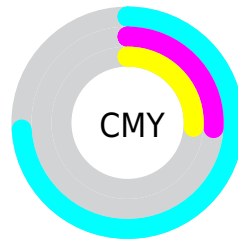
- Red (26%)
- Green (74%)
- Blue (74%)



- Red (26%)
- Yellow (50%)
- Blue (74%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2230, 18.1311, -75.6176 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 152.2230, 18.1311, -75.6176 by changing the saturation by 10% instead.

■ 152.2230, 18.1311,
-75.6176

■ 152.2230, 18.1311,
-75.6176

■ 255.0000, 0.0000,
0.0000

■ 120.1400, 20.6370,
-86.0688

■ 210.9030, 16.8098,
-71.8289

■ 94.7490, 20.3367,
-83.0949

■ 226.2960, 14.1511,
-59.0186

■ 76.5230, 16.5042,
-67.1107

■ 235.2660, 9.7289,
-40.5753

■ 59.1120, 13.2558,
-51.8412

■ 244.2360, 5.3067,
-22.1320

■ 42.9890, 9.8654,
-37.7014

■ 253.2060, 0.8844,
-3.6887

■ 27.5670, 6.6225,
-24.1763

■ 4.1550, 8.3046,

-3.6439

■ 0.0000, 0.0000,
0.0000

■ 152.2230, 18.1311,
-75.6176

■ 152.2230, 18.1311,
-75.6176

■ 146.5420, 20.9318,
-87.2983

■ 157.9040, 15.3303,
-63.9368

■ 140.8610, 23.7325,
-98.9791

■ 163.5850, 12.5296,
-52.2560

■ 135.1800, 26.5333,
-110.6599

■ 169.2660, 9.7289,
-40.5753

■ 132.4890, 27.8599,
-116.1929

■ 174.9470, 6.9281,
-28.8945

■ 180.6280, 4.1274,
-17.2138

■ 186.0100, 1.4741,
-6.1478

■ 191.6910, -1.3267,
5.5330

■ 197.3720, -4.1274,
17.2138

■ 203.0530, -6.9281,
28.8945

Harmonies

Analogous

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



158.7520, -0.8637, -49.7715



152.2230, 18.1311, -75.6176



153.0560, 31.5244, -78.1021

Triad

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



152.2230, 18.1311, -75.6176



176.4580, 19.0012, 18.8923



171.1030, -29.6308, 30.6047

Complementary

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



152.2230, 18.1311, -75.6176



102.7770, -18.1311, 75.6176

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.



173.4500, -22.4069, 46.9633



152.2230, 18.1311, -75.6176



176.6430, 5.1060, 42.4091

Square

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



152.2230, 18.1311, -75.6176



172.2950, 29.4346, -14.2907



174.5120, -9.6194, 52.1710



168.2910, -28.2445, 5.8838

Rectangle

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



152.2230, 18.1311, -75.6176



159.8500, 34.0909, -61.2584



174.5120, -9.6194, 52.1710



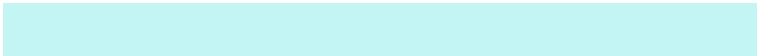
172.1900, -28.1947, 36.6674

Sweetspot

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



152.2230, 18.1311, -75.6176



230.3490, 7.2229, -30.1241



138.2010, -35.5951, -63.3203



113.3290, 4.2748, -17.8285



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.



152.2230, 18.1311, -75.6176



187.8910, 28.1547, -117.4224



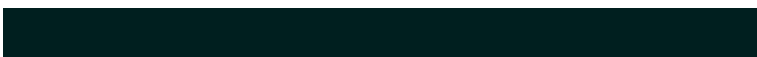
116.4160, 35.7839, -44.2148



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



116.7990, 35.5951, 63.3203



132.8830, 55.2737, 98.3266



139.1710, -36.0733, 43.7000



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 152.2230, 18.1311, -75.6176 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 152.2230, 18.1311, -75.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

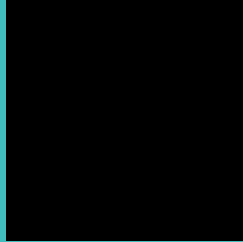
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.2230, 18.1311, -75.6176

Background



This preview shows how black text looks on a background with the YUV color 152.2230, 18.1311, -75.6176.



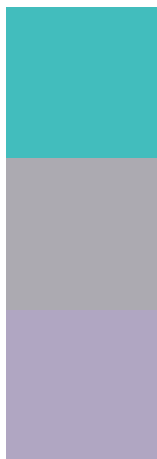
This preview shows how white text looks on a background with the YUV color 152.2230, 18.1311,

-75.6176.

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

152.2230, 18.1311, -75.6176

Protanopia

171.3960, 2.7628, 0.5297

Deuteranopia

172.1820, 10.7563, 3.3484



Tritanopia

154.6240, 23.3564, -71.5842

Trichromacy



Original Color

152.2230, 18.1311, -75.6176

Protanomaly

164.3000, 8.2331, -27.4501

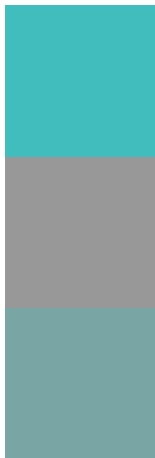
Deuteranomaly

164.6900, 13.4638, -25.1611

Tritanomaly

153.7440, 21.3252, -73.4435

Monochromacy



Original Color

152.2230, 18.1311, -75.6176

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2230, 18.1311, -75.6176 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(66, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(66, 189, 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(66, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 189, 189) }
```

Border

The CSS property to change the border of an element to YUV 152.2230, 18.1311, -75.6176 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(66, 189, 189) }
```


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

```
.border{ border-color:rgb(66, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(66, 189,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 152.2230, 18.1311, -75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 189, 189) }
```

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

```
.background{ background-color: rgb(66, 189,  
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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