

Converting Colors

YUV(132.1680, 21.6092,
-71.1843)

Have a look what the booklet for
YUV(132.1680, 21.6092, -71.1843)
contains.

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Color

**YUV(132.1680, 21.6092,
-71.1843)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33A5B0 |
| RGB | 51, 165, 176 |
| RGB Percent | 20%, 65%, 69% |
| CMY | 0.8000, 0.3529, 0.3098 |
| CMYK | 0.71, 0.06, 0.00, 0.31 |
| HSL | 185°, 55%, 45% |
| HSV | 185°, 71%, 69% |
| XYZ | 22.6568, 30.7487, 45.8152 |
| YIQ | 132.1680, -71.4750, -20.7470 |

Conversions

Conversions Part 2

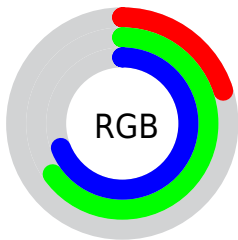
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 111, 176 |
| Decimal | 3384752 |
| CIELab | 62.29, -27.46, -14.88 |
| CIELCh | 62, 31.229, 208.452 |
| Yxy | 30.7487, 0.2283, 0.3099 |
| Android (android.graphics.Color) | 4281574832 (0xFF33A5B0) |
| YUV | 132.1680, 21.6092, -71.1843 |
| Hunter-Lab | 55.4515, -24.1070, -10.1707 |

Details

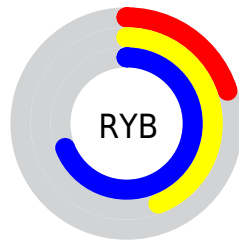
The YUV color **132.1680, 21.6092, -71.1843** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.8320, -21.6092, 71.1843**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9730, 20.7193, -65.7513**, and **80.4670, 21.4618, -70.5696** is the 20% darker color. If you saturate the color by 10%, you get **125.6120, 24.8413, -81.2207**, and if you desaturate by 10%, it is **138.7240, 18.3771, -61.1479**.

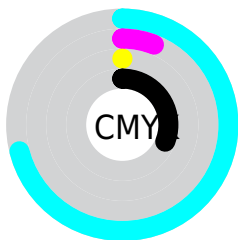
Distribution



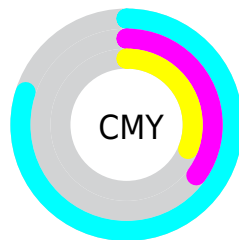
- Red (20%)
- Green (65%)
- Blue (69%)



- Red (20%)
- Yellow (44%)
- Blue (69%)



- Cyan (71%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.1680, 21.6092, -71.1843 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 132.1680, 21.6092, -71.1843 by changing the saturation by 10% instead.

■ 132.1680, 21.6092,
-71.1843

■ 132.1680, 21.6092,
-71.1843

■ 255.0000, 0.0000,
0.0000

■ 97.9920, 25.1469,
-85.9390

■ 189.9730, 20.7193,
-65.7513

■ 80.4670, 21.4618,
-70.5696

■ 218.5880, 17.9511,
-64.5367

■ 62.9420, 17.7766,
-55.2001

■ 230.7810, 11.9400,
-49.7969

■ 46.1180, 14.2388,
-40.4455

■ 239.7510, 7.5178,
-31.3536

■ 29.9950, 10.8485,
-26.3056

■ 248.7210, 3.0955,
-12.9103

■ 12.9260, 8.9105,
-11.3361

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 132.1680, 21.6092,
-71.1843

■ 132.1680, 21.6092,
-71.1843

■ 125.6120, 24.8413,
-81.2207

■ 138.7240, 18.3771,
-61.1479

■ 119.9420, 27.6366,
-91.1571

■ 144.3940, 15.5818,
-51.2115

■ 114.5710, 30.2845,
-100.4788

■ 150.9500, 12.3497,
-41.1751

■ 156.6200, 9.5543,
-31.2387

■ 163.1760, 6.3222,
-21.2024

■ 169.1450, 3.3795,
-10.6512

■ 175.4020, 0.2948,
-1.2296

■ 181.3710, -2.6479,
9.3216

■ 187.6280, -5.7326,
18.7432

Harmonies

Analogous

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



136.4510, 5.6937, -53.0155



132.1680, 21.6092, -71.1843



137.2970, 29.4336, -60.7735

Triad

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



132.1680, 21.6092, -71.1843



154.7810, 12.4330, 25.6251



148.8350, -26.5407, 19.4387

Complementary

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



132.1680, 21.6092, -71.1843



94.8320, -21.6092, 71.1843

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.



151.1560, -23.2479, 36.6972



132.1680, 21.6092, -71.1843



154.1500, -0.5670, 41.9644

Square

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



132.1680, 21.6092, -71.1843



152.6620, 22.8446, -0.5806



152.5560, -13.0921, 45.9934



146.1310, -22.2496, -3.6229

Rectangle

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



132.1680, 21.6092, -71.1843



143.2330, 29.9581, -42.3003



152.5560, -13.0921, 45.9934



149.5800, -26.4149, 25.8013

Sweetspot

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



132.1680, 21.6092, -71.1843



212.4140, 8.6699, -27.5501



125.5150, -31.8059, -65.3497



104.5680, 5.1430, -16.2841



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



132.1680, 21.6092, -71.1843



160.8300, 34.1008, -111.2299



95.7740, 39.5514, -39.2668



85.7220, 1.6161, -5.0182



99.6220, 26.3154, -87.3685



16.4650, 4.7008, -14.4398

Inverse Universe

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



101.3710, 31.3691, 65.4496



112.8960, 48.8583, 102.7002



131.2260, -39.5514, 39.2668



83.6030, 2.1677, 4.7332



61.7070, 38.5984, 80.0640



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 132.1680, 21.6092, -71.1843 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 132.1680, 21.6092, -71.1843 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 132.1680, 21.6092, -71.1843 Background



This preview shows how black text looks on a background with the YUV color 132.1680, 21.6092, -71.1843.

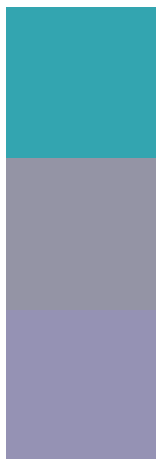


This preview shows how white text looks on a background with the YUV color 132.1680, 21.6092, -71.1843.

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

132.1680, 21.6092, -71.1843

Protanopia

149.9380, 7.4256, -1.6996

Deuteranopia

150.7730, 14.4089, -1.5549



Tritanopia

132.6950, 22.3354, -70.7695

Trichromacy



Original Color

132.1680, 21.6092, -71.1843

Protanomaly

143.4510, 12.5957, -26.7055

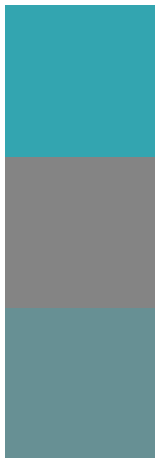
Deuteranomaly

144.0040, 17.2530, -27.1905

Tritanomaly

132.5810, 21.8986, -70.6695

Monochromacy



Original Color

132.1680, 21.6092, -71.1843

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1970, 7.7909, -25.6058

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1680, 21.6092, -71.1843 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(51, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(51, 165, 176)  
}
```

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(51, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 165, 176) }
```

Border

The CSS property to change the border of an element to YUV 132.1680, 21.6092, -71.1843 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(51, 165, 176) }
```


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

```
.border{ border-color:rgb(51, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 165, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 165, 176); box-shadow:4px 4px 4px 4px rgb(51, 165, 176) }
```

Background

The CSS property to change the background color of an element to YUV 132.1680, 21.6092, -71.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 165, 176) }
```

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

```
.background{ background-color: rgb(51, 165,  
176) }
```

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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