

Converting Colors

YUV(148.2620, 12.1958,
-85.2988)

Have a look what the booklet for
YUV(148.2620, 12.1958, -85.2988)
contains.

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Color

**YUV(148.2620, 12.1958,
-85.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	33C1AD
RGB	51, 193, 173
RGB Percent	20%, 76%, 68%
CMY	0.8000, 0.2431, 0.3216
CMYK	0.74, 0.00, 0.10, 0.24
HSL	172°, 58%, 48%
HSV	172°, 74%, 76%
XYZ	27.9780, 41.8609, 46.1405
YIQ	148.2620, -78.2120, -36.3240

Conversions

Conversions Part 2

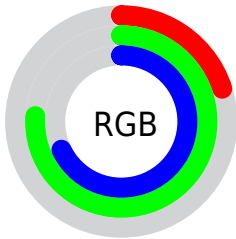
Format	Color
RYB	51, 127, 193
Decimal	3391917
CIELab	70.77, -41.42, -0.61
CIElCh	71, 41.429, 180.846
Yxy	41.8609, 0.2412, 0.3609
Android (android.graphics.Color)	4281581997 (0xFF33C1AD)
YUV	148.2620, 12.1958, -85.2988
Hunter-Lab	64.7000, -36.0367, 3.0076

Details

The YUV color **148.2620, 12.1958, -85.2988** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **95.7380, -12.1958, 85.2988**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3230, 9.7008, -78.3363**, and **95.3870, 12.6272, -83.6544** is the 20% darker color. If you saturate the color by 10%, you get **142.2390, 13.6862, -96.6796**, and if you desaturate by 10%, it is **154.2850, 10.7055, -73.9179**.

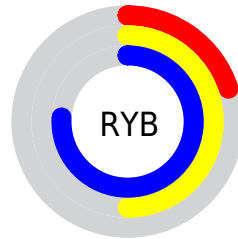
Distribution



Red (20%)

Green (76%)

Blue (68%)



Red (20%)

Yellow (50%)

Blue (76%)

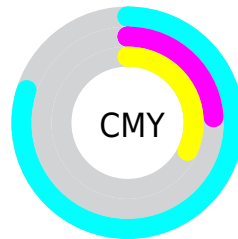


Cyan (74%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (80%)

Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2620, 12.1958, -85.2988 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 148.2620, 12.1958, -85.2988 by changing the saturation by 10% instead.

■ 148.2620, 12.1958,
-85.2988

■ 148.2620, 12.1958,
-85.2988

■ 255.0000, 0.0000,
0.0000

■ 113.4990, 16.0230,
-99.5386

■ 208.3230, 9.7008,
-78.3363

■ 95.3870, 12.6272,
-83.6544

■ 223.3060, 15.6251,
-65.1664

■ 76.6880, 9.5208,
-67.2554

■ 232.2760, 11.2029,
-46.7231

■ 59.2770, 6.2724,
-51.9859

■ 241.5450, 6.6333,
-27.6650

■ 42.6810, 3.6083,
-37.4312

■ 250.5150, 2.2111,
-9.2217

■ 27.3730, 0.8021,
-24.0061

■ 3.3910, 0.3002,

-2.9739

■ 0.0000, 0.0000,
0.0000

■ 148.2620, 12.1958,
-85.2988

■ 148.2620, 12.1958,
-85.2988

■ 142.2390, 13.6862,
-96.6796

■ 154.2850, 10.7055,
-73.9179

■ 136.0310, 15.7607,
-108.7752

■ 160.4930, 8.6310,
-61.8224

■ 132.2150, 16.6560,
-115.9526

■ 166.5160, 7.1406,
-50.4415

■ 172.5390, 5.6503,
-39.0607

■ 178.5620, 4.1599,
-27.6799

■ 184.7700, 2.0854,
-15.5843

■ 190.7930, 0.5951,
-4.2035

■ 196.8160, -0.8953,
7.1774

■ 203.0240, -2.9698,
19.2730

Harmonies

Analogous

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



160.1090, -12.3787, -43.0686



148.2620, 12.1958, -85.2988



136.7580, 36.6013, -119.9368

Triad

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



148.2620, 12.1958, -85.2988



176.0350, 30.5487, 1.7233



172.9310, -32.0110, 47.4185

Complementary

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



148.2620, 12.1958, -85.2988



95.7380, -12.1958, 85.2988

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.



174.7490, -19.1033, 60.7331



148.2620, 12.1958, -85.2988



178.1830, 16.1788, 37.5505

Square

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



148.2620, 12.1958, -85.2988



167.1540, 39.8571, -43.9851



176.4340, -1.2000, 58.3784



170.0390, -36.0082, 22.7678

Rectangle

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



148.2620, 12.1958, -85.2988



137.2770, 46.2054, -120.3919



176.4340, -1.2000, 58.3784



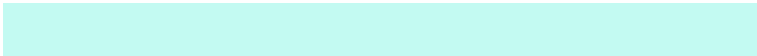
173.5880, -28.3909, 52.9813

Sweetspot

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



148.2620, 12.1958, -85.2988



232.6430, 4.6130, -33.0129



140.6330, -44.1891, -60.1911



114.5630, 2.6804, -19.7878



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



148.2620, 12.1958, -85.2988



180.6860, 18.8888, -132.1516



121.1920, 35.4013, -61.5584



93.8960, 1.0373, -6.0478



110.2390, 13.6862, -96.6796



22.5630, 2.6804, -19.7878

Inverse Universe

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



95.7380, -12.1958, 85.2988



99.3140, -18.8888, 132.1516



122.8080, -35.4013, 61.5584



90.2180, -0.6005, 5.9478



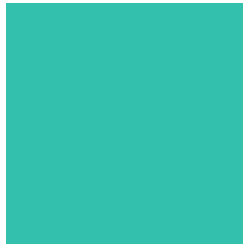
50.7610, -13.6862, 96.6796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 148.2620, 12.1958, -85.2988 looks on a white background.

Color Contrast Check

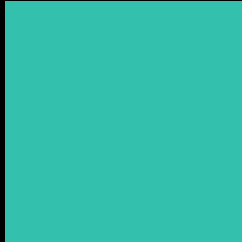
Large Text (above 18pt) WCAG AA × Fail

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 148.2620, 12.1958, -85.2988 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

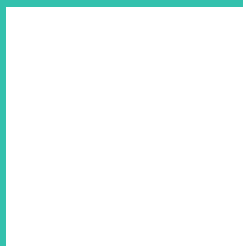
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.2620, 12.1958, -85.2988

Background



This preview shows how black text looks on a background with the YUV color 148.2620, 12.1958, -85.2988.



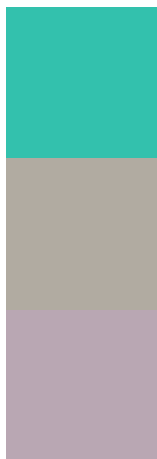
This preview shows how white text looks on a background with the YUV color 148.2620, 12.1958, -85.2988.

-85.2988.

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

148.2620, 12.1958, -85.2988

Protanopia

171.6540, -5.2524, 4.6884

Deuteranopia

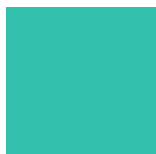
173.7500, 2.5882, 9.8663



Tritanopia

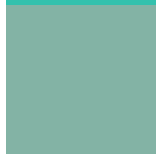
154.8300, 24.2408, -75.2729

Trichromacy



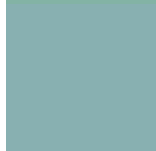
Original Color

148.2620, 12.1958, -85.2988



Protanomaly

163.0520, 0.9604, -28.1096



Deuteranomaly

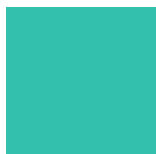
164.1540, 6.3331, -24.6911



Tritanomaly

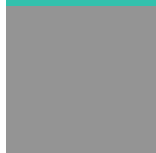
152.0700, 20.1785, -78.9914

Monochromacy



Original Color

148.2620, 12.1958, -85.2988



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.9530, 4.4602, -30.6538

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2620, 12.1958, -85.2988 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(51, 193, 173)  
}
```

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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 193, 173) }
```

Border

The CSS property to change the border of an element to YUV 148.2620, 12.1958, -85.2988 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, 193, 173) }
```


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

```
.border{ border-color:rgb(51, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(51, 193,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 148.2620, 12.1958, -85.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 193, 173) }
```

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

```
.background{ background-color: rgb(51, 193,  
173) }
```

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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