

Converting Colors

YUV(174.5230, 13.0532,
-80.2657)

Have a look what the booklet for
YUV(174.5230, 13.0532, -80.2657)
contains.

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Color

**YUV(174.5230, 13.0532,
-80.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	53D8C9
RGB	83, 216, 201
RGB Percent	33%, 85%, 79%
CMY	0.6745, 0.1529, 0.2118
CMYK	0.62, 0.00, 0.07, 0.15
HSL	173°, 63%, 59%
HSV	173°, 62%, 85%
XYZ	38.6658, 55.1678, 63.8689
YIQ	174.5230, -74.4530, -32.8610

Conversions

Conversions Part 2

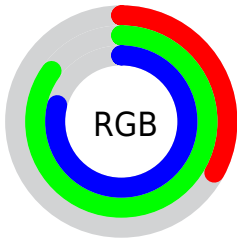
Format	Color
R _Y B	83, 153, 216
Decimal	5494985
CIE Lab	79.14, -39.60, -3.39
CIE LCh	79, 39.740, 184.892
Yxy	55.1678, 0.2452, 0.3498
Android (android.graphics.Color)	4283685065 (0xFF53D8C9)
YUV	174.5230, 13.0532, -80.2657
Hunter-Lab	74.2750, -37.0585, 1.0092

Details

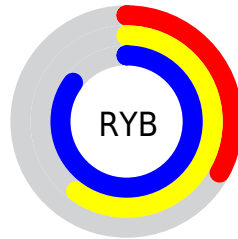
The YUV color **174.5230, 13.0532, -80.2657** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.4770, -13.0532, 80.2657**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **110.6780, 17.9067, -97.0646** is the 20% darker color. If you saturate the color by 10%, you get **167.7170, 15.4225, -93.5908**, and if you desaturate by 10%, it is **181.3290, 10.6838, -66.9405**.

Distribution



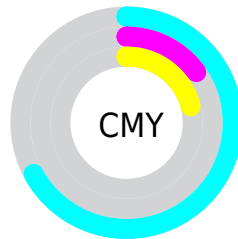
- Red (33%)
- Green (85%)
- Blue (79%)



- Red (33%)
- Yellow (60%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5230, 13.0532, -80.2657 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 174.5230, 13.0532, -80.2657 by changing the saturation by 10% instead.

174.5230, 13.0532,
-80.2657

174.5230, 13.0532,
-80.2657

255.0000, 0.0000,
0.0000

143.9460, 14.8166,
-85.8986

222.1100, 16.2148,
-67.6255

110.6780, 17.9067,
-97.0646

231.3790, 11.6452,
-48.5674

92.4520, 14.0742,
-81.0804

240.3490, 7.2229,
-30.1241

74.4540, 11.1152,
-65.2962

249.3190, 2.8007,
-11.6808

57.0430, 7.8668,
-50.0267

40.4470, 5.2026,
-35.4720

25.6120, 1.6703,

-22.4617

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 174.5230, 13.0532,
-80.2657

■ 174.5230, 13.0532,
-80.2657

■ 167.7170, 15.4225,
-93.5908

■ 181.3290, 10.6838,
-66.9405

■ 161.0960, 17.2077,
-106.2012


■ 187.9500, 8.8987,
-54.3301


■ 154.2900, 19.5770,
-119.5263


■ 194.7560, 6.5293,
-41.0050


■ 148.6800, 21.3568,
-130.3924

■ 201.3770, 4.7441,
-28.3946

 208.1830, 2.3748,
-15.0695

 215.1030, 0.4422,
-1.8443

 221.6100, -1.7797,
10.8660

 228.1170, -4.0017,
23.5764

 228.4590, -2.6913,
23.2765

Harmonies

Analogous

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



182.7820, -9.7525, -45.4128



174.5230, 13.0532, -80.2657



168.4830, 33.7789, -101.2786

Triad

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



174.5230, 13.0532, -80.2657



199.2700, 27.4749, 7.6562



196.0940, -32.5843, 44.6446

Complementary

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



174.5230, 13.0532, -80.2657



124.4770, -13.0532, 80.2657

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.



194.8790, -19.6603, 52.7261



174.5230, 13.0532, -80.2657



201.1080, 13.2578, 41.1243

Square

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



174.5230, 13.0532, -80.2657



191.0430, 31.5308, -33.3637



196.0480, -2.4887, 51.7009



193.2450, -35.1238, 19.0791

Rectangle

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



174.5230, 13.0532, -80.2657



174.7540, 39.5613, -89.2383



196.0480, -2.4887, 51.7009



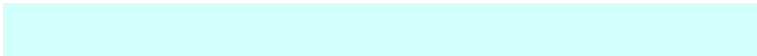
196.9360, -29.5484, 50.9221

Sweetspot

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



174.5230, 13.0532, -80.2657



240.6760, 4.5967, -27.7799



165.8550, -40.8475, -58.6318



118.8730, 2.5276, -17.4286



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.



174.5230, 13.0532, -80.2657



196.0950, 18.6872, -114.0933



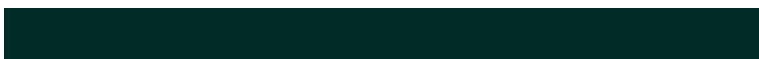
146.2960, 34.3641, -55.5106



103.5970, 1.1847, -6.6626



117.7050, 16.9074, -103.2273



29.5730, 4.1545, -25.9355

Inverse Universe

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



124.4770, -13.0532, 80.2657



125.0190, -18.2504, 113.9933



152.7040, -34.3641, 55.5106



99.5170, -0.7479, 6.5626



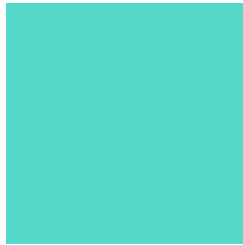
53.2950, -16.9074, 103.2273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 174.5230, 13.0532, -80.2657 looks on a white background.

Color Contrast Check

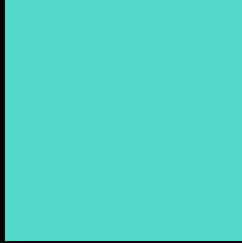
Large Text (above 18pt) WCAG AA × Fail

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 174.5230, 13.0532, -80.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

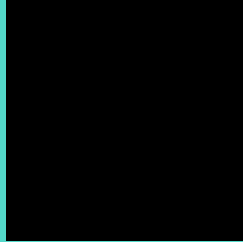
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

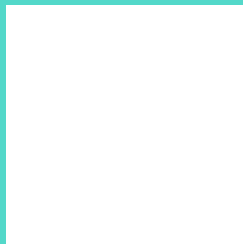
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.5230, 13.0532, -80.2657

Background



This preview shows how black text looks on a background with the YUV color 174.5230, 13.0532, -80.2657.

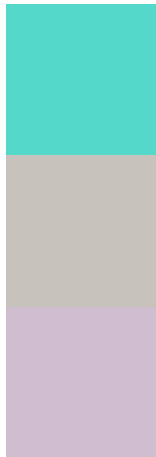


This preview shows how white text looks on a background with the YUV color 174.5230, 13.0532, -80.2657.

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

174.5230, 13.0532, -80.2657

Protanopia

194.8110, -3.3578, 3.6738

Deuteranopia

196.7330, 5.0616, 9.8812



Tritanopia

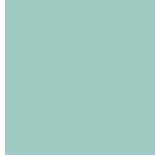
178.9550, 24.6722, -73.6285

Trichromacy



Original Color

174.5230, 13.0532, -80.2657



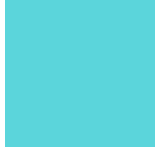
Protanomaly

187.5190, 2.7021, -26.7652



Deuteranomaly

188.9200, 7.9274, -22.7318



Tritanomaly

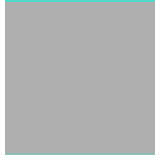
177.2060, 20.6044, -75.6027

Monochromacy



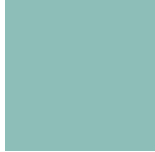
Original Color

174.5230, 13.0532, -80.2657



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9640, 4.4547, -28.9094

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5230, 13.0532, -80.2657 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(83, 216, 201)` looks like.

```
.text, #text, p{  
    color:rgb(83, 216, 201)  
}
```

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(83, 216, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 216, 201) }
```

Border

The CSS property to change the border of an element to YUV 174.5230, 13.0532, -80.2657 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(83, 216, 201) }
```


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

```
.border{ border-color:rgb(83, 216, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 216, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 216, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 216, 201);  
box-shadow:4px 4px 4px 4px rgb(83, 216,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 174.5230, 13.0532, -80.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 216, 201) }
```

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

```
.background{ background-color: rgb(83, 216,  
201) }
```

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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