

Converting Colors

YUV(157.8510, 22.2585,
-92.8313)

Have a look what the booklet for
YUV(157.8510, 22.2585, -92.8313)
contains.

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Color

**YUV(157.8510, 22.2585,
-92.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	34CBCB
RGB	52, 203, 203
RGB Percent	20%, 80%, 80%
CMY	0.7961, 0.2039, 0.2039
CMYK	0.74, 0.00, 0.00, 0.20
HSL	180°, 59%, 50%
HSV	180°, 74%, 80%
XYZ	33.5516, 47.7537, 63.9490
YIQ	157.8510, -89.9960, -32.0120

Conversions

Conversions Part 2

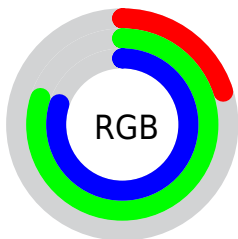
Format	Color
<code>RYB</code>	<code>52, 128, 203</code>
Decimal	<code>3460043</code>
CIELab	<code>74.67, -37.45, -11.16</code>
CIELCh	<code>75, 39.076, 196.599</code>
Yxy	<code>47.7537, 0.2310, 0.3288</code>
Android (<code>android.graphics.Color</code>)	<code>4281650123</code> (<code>0xFF34CBCB</code>)
YUV	<code>157.8510, 22.2585, -92.8313</code>
Hunter-Lab	<code>69.1041, -34.2663, -6.4941</code>

Details

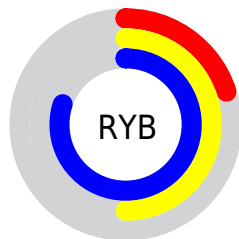
The YUV color **157.8510, 22.2585, -92.8313** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **97.1490, -22.2585, 92.8313**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **103.8620, 22.2530, -91.0870** is the 20% darker color. If you saturate the color by 10%, you get **151.8710, 25.2066, -105.1269**, and if you desaturate by 10%, it is **163.8310, 19.3103, -80.5358**.

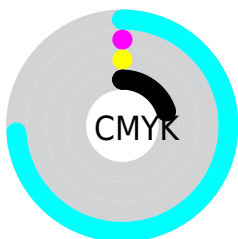
Distribution



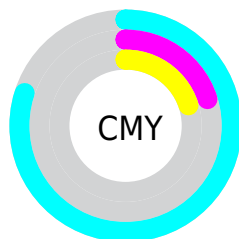
- Red (20%)
- Green (80%)
- Blue (80%)



- Red (20%)
- Yellow (50%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8510, 22.2585, -92.8313 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 157.8510, 22.2585, -92.8313 by changing the saturation by 10% instead.

157.8510, 22.2585,
-92.8313

157.8510, 22.2585,
-92.8313

255.0000, 0.0000,
0.0000

122.7890, 26.2330,
-107.6860

215.5320, 19.4577,
-81.1506

103.8620, 22.2530,
-91.0870

225.1000, 14.7407,
-61.4777

85.6360, 18.4205,
-75.1028

234.0700, 10.3185,
-43.0344

67.5240, 15.0247,
-59.2185

243.3390, 5.7489,
-23.9763

50.8140, 11.9237,
-44.5639

252.6080, 1.1793,
-4.9182

34.1040, 8.8227,
-29.9092

18.7960, 6.0166,

-16.4841

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 157.8510, 22.2585,
-92.8313

■ 157.8510, 22.2585,
-92.8313

■ 151.8710, 25.2066,
-105.1269

■ 163.8310, 19.3103,
-80.5358

■ 145.5920, 28.3021,
-118.0372

■ 170.1100, 16.2148,
-67.6255

■ 142.3030, 29.9236,
-124.7997

■ 176.0900, 13.2666,
-55.3299

■ 182.0700, 10.3185,
-43.0344

■ 188.3490, 7.2229,
-30.1241

■ 194.3290, 4.2748,
-17.8285

■ 200.3090, 1.3267,
-5.5330

■ 206.2890, -1.6215,
6.7625

■ 212.5680, -4.7170,
19.6729

Harmonies

Analogous

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



167.6970, -0.8366, -58.4933



157.8510, 22.2585, -92.8313



157.6450, 38.1360, -98.7897

Triad

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



157.8510, 22.2585, -92.8313



188.2780, 22.0479, 21.6812



182.6860, -33.8622, 34.4784

Complementary

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



157.8510, 22.2585, -92.8313



97.1490, -22.2585, 92.8313

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.



184.9840, -25.6281, 53.5110



157.8510, 22.2585, -92.8313



188.6160, 6.1053, 48.5718

Square

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



157.8510, 22.2585, -92.8313



183.4240, 33.8080, -17.0348



186.3280, -10.5147, 59.3483



179.5640, -32.3231, 7.3984

Rectangle

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



157.8510, 22.2585, -92.8313



167.6680, 40.0967, -74.2538



186.3280, -10.5147, 59.3483



183.4850, -32.2841, 41.6707

Sweetspot

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



157.8510, 22.2585, -92.8313



238.2560, 8.2548, -34.4275



140.6370, -43.6980, -77.7346



117.8340, 5.0118, -20.9024



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.



157.8510, 22.2585, -92.8313



187.1270, 33.4614, -139.5544



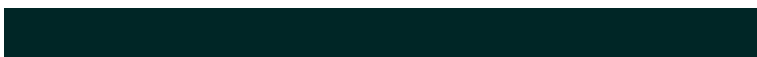
113.8260, 43.9628, -54.2214



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



114.3630, 43.6980, 77.7346



121.7510, 65.6918, 116.8594



141.7610, -44.2522, 53.7066



96.1300, 2.8939, 5.1480



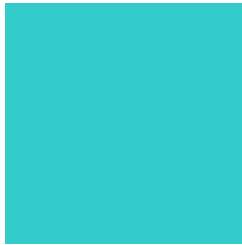
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 157.8510, 22.2585, -92.8313 looks on a white background.

Color Contrast Check

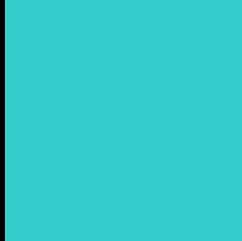
Large Text (above 18pt) WCAG AA × Fail

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 157.8510, 22.2585, -92.8313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

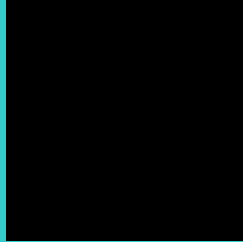
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

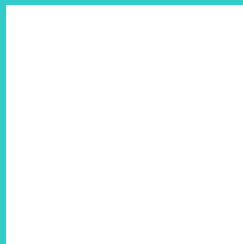
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.8510, 22.2585, -92.8313

Background



This preview shows how black text looks on a background with the YUV color 157.8510, 22.2585, -92.8313.

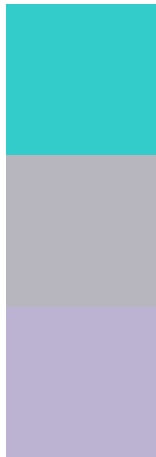


This preview shows how white text looks on a background with the YUV color 157.8510, 22.2585, -92.8313.

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

157.8510, 22.2585, -92.8313

Protanopia

182.6240, 3.6364, 0.3298

Deuteranopia

184.5240, 12.0667, 3.0485



Tritanopia

161.2630, 27.4783, -87.0537

Trichromacy



Original Color

157.8510, 22.2585, -92.8313



Protanomaly

173.5380, 10.5808, -33.7978



Deuteranomaly

174.9280, 15.8115, -31.5089



Tritanomaly

160.0840, 25.5946, -89.5277

Monochromacy



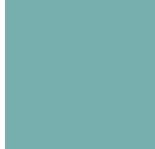
Original Color

157.8510, 22.2585, -92.8313



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.5550, 8.1074, -33.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8510, 22.2585, -92.8313 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(52, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(52, 203, 203)  
}
```

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(52, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 203, 203) }
```

Border

The CSS property to change the border of an element to YUV 157.8510, 22.2585, -92.8313 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(52, 203, 203) }
```


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

```
.border{ border-color:rgb(52, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(52, 203,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 157.8510, 22.2585, -92.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 203, 203) }
```

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

```
.background{ background-color: rgb(52, 203,  
203) }
```

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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