

Converting Colors

YUV(152.3610, 25.4580,
-92.4016)

Have a look what the booklet for
YUV(152.3610, 25.4580, -92.4016)
contains.

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Color

**YUV(152.3610, 25.4580,
-92.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC4CC
RGB	47, 196, 204
RGB Percent	18%, 77%, 80%
CMY	0.8157, 0.2314, 0.2000
CMYK	0.77, 0.04, 0.00, 0.20
HSL	183°, 63%, 49%
HSV	183°, 77%, 80%
XYZ	31.8113, 44.4438, 64.0286
YIQ	152.3610, -91.3720, -29.1000

Conversions

Conversions Part 2

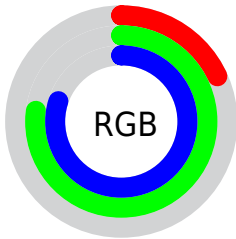
Format	Color
RYB	47, 123, 204
Decimal	3130572
CIELab	72.52, -34.42, -14.93
CIELCh	73, 37.518, 203.451
Yxy	44.4438, 0.2268, 0.3168
Android (android.graphics.Color)	4281320652 (0xFF2FC4CC)
YUV	152.3610, 25.4580, -92.4016
Hunter-Lab	66.6662, -31.4905, -10.2779

Details

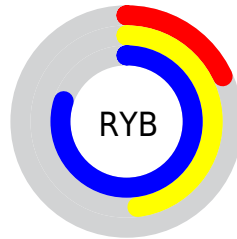
The YUV color **152.3610, 25.4580, -92.4016** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **98.6390, -25.4580, 92.4016**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4610, 20.4787, -81.9653**, and **100.4540, 24.4262, -88.0982** is the 20% darker color. If you saturate the color by 10%, you get **145.7940, 28.6956, -104.1823**, and if you desaturate by 10%, it is **158.9280, 22.2205, -80.6209**.

Distribution



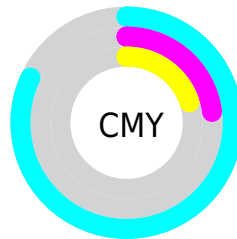
- Red (18%)
- Green (77%)
- Blue (80%)



- Red (18%)
- Yellow (48%)
- Blue (80%)



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3610, 25.4580, -92.4016 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 152.3610, 25.4580, -92.4016 by changing the saturation by 10% instead.

152.3610, 25.4580,
-92.4016

152.3610, 25.4580,
-92.4016

255.0000, 0.0000,
0.0000

118.7940, 28.6956,
-104.1823

213.4610, 20.4787,
-81.9653

100.4540, 24.4262,
-88.0982

223.9040, 15.3303,
-63.9368

82.2280, 20.5936,
-72.1140

233.1730, 10.7607,
-44.8787

64.1160, 17.1978,
-56.2297

242.4420, 6.1911,
-25.8206

47.2920, 13.6600,
-41.4751

251.4120, 1.7689,
-7.3773

31.8700, 10.4171,
-27.9500

13.6270, 9.0579,

-11.9509

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 152.3610, 25.4580,
-92.4016

■ 152.3610, 25.4580,
-92.4016

■ 145.7940, 28.6956,
-104.1823

■ 158.9280, 22.2205,
-80.6209

■ 138.9280, 32.0805,
-116.5779

■ 165.7940, 18.8356,
-68.2253

■ 137.1340, 32.9649,
-120.2665

■ 172.3610, 15.5980,
-56.4446

■ 179.2270, 12.2131,
-44.0491

■ 185.7940, 8.9756,
-32.2683

■ 192.3610, 5.7380,
-20.4876

■ 199.2270, 2.3531,
-8.0921

■ 205.7940, -0.8844,
3.6887

■ 212.6600, -4.2694,
16.0842

Harmonies

Analogous

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



160.9290, 3.9790, -63.0817



152.3610, 25.4580, -92.4016



157.0920, 36.9296, -85.1497

Triad

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



152.3610, 25.4580, -92.4016



182.8720, 17.8111, 27.2993



176.2830, -32.6775, 27.8158

Complementary

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



152.3610, 25.4580, -92.4016



98.6390, -25.4580, 92.4016

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.



178.3100, -26.7748, 47.9631



152.3610, 25.4580, -92.4016



182.0030, 2.4635, 49.9864

Square

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



152.3610, 25.4580, -92.4016



179.5670, 30.2865, -7.5133



180.3940, -13.9982, 56.6595



172.7310, -28.9544, 0.2359

Rectangle

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



152.3610, 25.4580, -92.4016



166.4740, 37.7273, -60.9287



180.3940, -13.9982, 56.6595



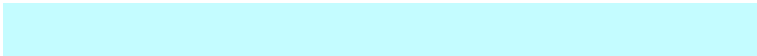
176.8540, -31.9730, 35.2080

Sweetspot

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



152.3610, 25.4580, -92.4016



235.5980, 9.5652, -34.7274



140.0710, -41.9400, -81.6233



116.0620, 5.8854, -21.1024



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.



152.3610, 25.4580, -92.4016



177.6910, 38.1133, -138.2950



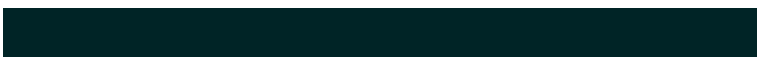
106.5750, 48.0305, -52.2473



98.4230, 1.7635, -5.6330



111.0830, 27.0741, -97.4198



25.4640, 6.1802, -22.3319

Inverse Universe

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



110.9290, 41.9400, 81.6233



115.6870, 62.7653, 122.1775



144.4250, -48.0305, 52.2473



96.0160, 2.4571, 5.2480



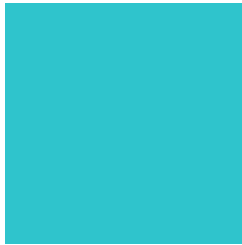
67.5320, 44.1077, 86.3564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 152.3610, 25.4580, -92.4016 looks on a white background.

Color Contrast Check

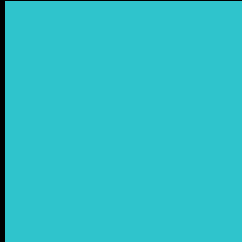
Large Text (above 18pt) WCAG AA × Fail

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 152.3610, 25.4580, -92.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

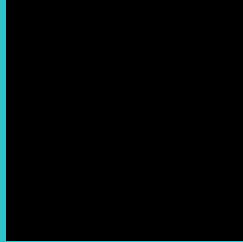
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

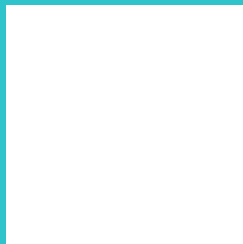
Any Text WCAG AAA ✓ Pass

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

YUV 152.3610, 25.4580, -92.4016 Background



This preview shows how black text looks on a background with the YUV color 152.3610, 25.4580, -92.4016.

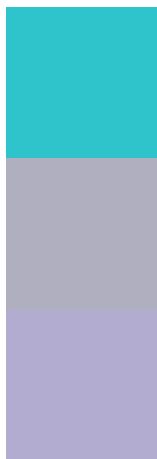


This preview shows how white text looks on a background with the YUV color 152.3610, 25.4580, -92.4016.

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

152.3610, 25.4580, -92.4016

Protanopia

176.8240, 6.9888, -1.5996

Deuteranopia

178.0120, 15.2771, -0.0105



Tritanopia

154.0670, 28.0680, -89.5128

Trichromacy



Original Color

152.3610, 25.4580, -92.4016

Protanomaly

168.0370, 13.7858, -35.1124

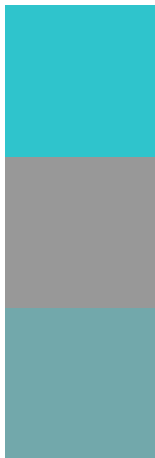
Deuteranomaly

168.7150, 18.8745, -33.9531

Tritanomaly

153.1270, 27.0524, -90.4424

Monochromacy



Original Color

152.3610, 25.4580, -92.4016

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1960, 9.2704, -33.4979

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3610, 25.4580, -92.4016 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(47, 196, 204)` looks like.

```
.text, #text, p{  
    color:rgb(47, 196, 204)  
}
```

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(47, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 196, 204) }
```

Border

The CSS property to change the border of an element to YUV 152.3610, 25.4580, -92.4016 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(47, 196, 204) }
```


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

```
.border{ border-color:rgb(47, 196, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 196, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(47, 196,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 152.3610, 25.4580, -92.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 196, 204) }
```

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

```
.background{ background-color: rgb(47, 196,  
204) }
```

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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