

Converting Colors

YUV(155.3940, 25.4418,
-87.1685)

Have a look what the booklet for
YUV(155.3940, 25.4418, -87.1685)
contains.

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Color

**YUV(155.3940, 25.4418,
-87.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	38C4CF
RGB	56, 196, 207
RGB Percent	22%, 77%, 81%
CMY	0.7804, 0.2314, 0.1882
CMYK	0.73, 0.05, 0.00, 0.19
HSL	184°, 61%, 52%
HSV	184°, 73%, 81%
XYZ	32.6333, 44.8256, 65.9637
YIQ	155.3940, -86.9710, -26.2590

Conversions

Conversions Part 2

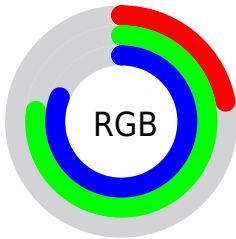
Format	Color
RYB	56, 129, 207
Decimal	3720399
CIELab	72.78, -32.54, -16.17
CIELCh	73, 36.338, 206.417
Yxy	44.8256, 0.2275, 0.3125
Android (android.graphics.Color)	4281910479 (0xFF38C4CF)
YUV	155.3940, 25.4418, -87.1685
Hunter-Lab	66.9519, -30.1625, -11.5486

Details

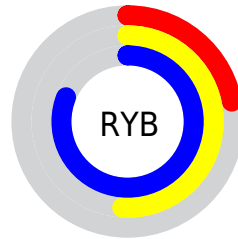
The YUV color **155.3940, 25.4418, -87.1685** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **107.6060, -25.4418, 87.1685**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9560, 19.7417, -78.8914**, and **100.7960, 25.7366, -88.3981** is the 20% darker color. If you saturate the color by 10%, you get **147.9410, 29.1161, -99.0493**, and if you desaturate by 10%, it is **162.8470, 21.7674, -75.2878**.

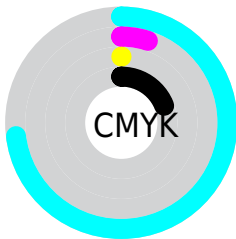
Distribution



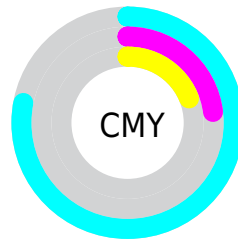
- Red (22%)
- Green (77%)
- Blue (81%)



- Red (22%)
- Yellow (51%)
- Blue (81%)



- Cyan (73%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3940, 25.4418, -87.1685 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 155.3940, 25.4418, -87.1685 by changing the saturation by 10% instead.

155.3940, 25.4418,
-87.1685

155.3940, 25.4418,
-87.1685

255.0000, 0.0000,
0.0000

119.0220, 29.5692,
-104.3823

214.9560, 19.7417,
-78.8914

100.7960, 25.7366,
-88.3981

225.3990, 14.5933,
-60.8629

82.5700, 21.9040,
-72.4139

234.6680, 10.0237,
-41.8048

65.0450, 18.2188,
-57.0445

243.6380, 5.6015,
-23.3615

48.2210, 14.6810,
-42.2898

252.9070, 1.0318,
-4.3034

32.0980, 11.2907,
-28.1499

15.0290, 9.3527,

-13.1804

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 155.3940, 25.4418,
-87.1685

■ 155.3940, 25.4418,
-87.1685

■ 147.9410, 29.1161,
-99.0493

■ 162.8470, 21.7674,
-75.2878

■ 141.3740, 32.3536,
-110.8300

■ 169.4140, 18.5299,
-63.5071

■ 136.3020, 34.8541,
-119.5369

■ 176.8670, 14.8556,
-51.6264

■ 183.7330, 11.4706,
-39.2308

■ 190.8870, 7.9437,
-27.9649

■ 197.7530, 4.5588,
-15.5694

■ 205.2060, 0.8844,
-3.6887

■ 212.0720, -2.5005,
8.7069

■ 219.2260, -6.0274,
19.9728

Harmonies

Analogous

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



161.6840, 5.5788, -62.8669



155.3940, 25.4418, -87.1685



161.0930, 35.4502, -77.2576

Triad

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



155.3940, 25.4418, -87.1685



183.4270, 16.0585, 29.4435



176.7880, -31.9405, 24.7419

Complementary

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



155.3940, 25.4418, -87.1685



107.6060, -25.4418, 87.1685

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.



179.1740, -27.2008, 44.5744



155.3940, 25.4418, -87.1685



182.5470, 0.7163, 50.3863

Square

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



155.3940, 25.4418, -87.1685



180.4320, 28.3810, -3.0099



181.1550, -14.8664, 55.1151



173.1760, -27.2018, -1.9084

Rectangle

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



155.3940, 25.4418, -87.1685



168.8770, 36.5426, -54.2661



181.1550, -14.8664, 55.1151



177.3590, -31.2360, 32.1342

Sweetspot

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



155.3940, 25.4418, -87.1685



235.9080, 9.4124, -32.3683



145.7770, -39.3301, -78.7344



116.0730, 5.8800, -19.3580



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.



155.3940, 25.4418, -87.1685



178.6320, 37.6494, -129.4733



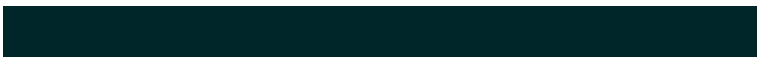
111.3690, 47.1461, -48.5586



101.1240, 1.9109, -6.2477



110.7240, 28.2371, -97.1049



26.9800, 6.9119, -23.6615

Inverse Universe

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



117.1090, 38.8933, 78.8344



121.6880, 57.8348, 116.9146



151.6310, -47.1461, 48.5586



98.4290, 2.7465, 5.7628



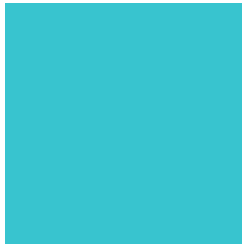
68.0160, 43.3761, 87.6860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 155.3940, 25.4418, -87.1685 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 155.3940, 25.4418, -87.1685 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

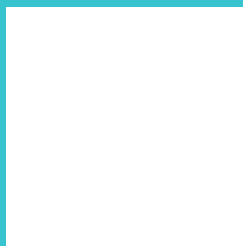
Any Text WCAG AAA ✓ Pass

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

YUV 155.3940, 25.4418, -87.1685 Background



This preview shows how black text looks on a background with the YUV color 155.3940, 25.4418, -87.1685.



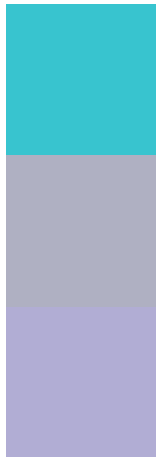
This preview shows how white text looks on a background with the YUV color 155.3940, 25.4418, -87.1685.

-87.1685.

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

155.3940, 25.4418, -87.1685

Protanopia

177.7530, 8.0098, -2.4144

Deuteranopia

178.6420, 16.4455, -1.4400



Tritanopia

156.1600, 27.0361, -85.2093

Trichromacy



Original Color

155.3940, 25.4418, -87.1685

Protanomaly

169.5750, 14.5065, -32.9533

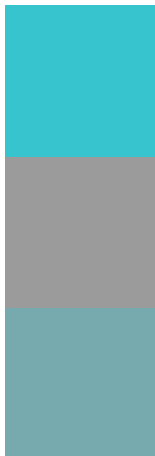
Deuteranomaly

169.9540, 19.7427, -32.4087

Tritanomaly

155.7470, 26.7467, -85.7241

Monochromacy



Original Color

155.3940, 25.4418, -87.1685

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2070, 9.2649, -31.7535

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3940, 25.4418, -87.1685 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(56, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(56, 196, 207)  
}
```

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(56, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 196, 207) }
```

Border

The CSS property to change the border of an element to YUV 155.3940, 25.4418, -87.1685 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(56, 196, 207) }
```


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

```
.border{ border-color:rgb(56, 196, 207) }
```

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

Here you see how a box with a 4 pixel rgb(56, 196, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(56, 196,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 155.3940, 25.4418, -87.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 196, 207) }
```

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

```
.background{ background-color: rgb(56, 196,  
207) }
```

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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