

Converting Colors

YUV(171.3810, 24.9552,
-117.8521)

Have a look what the booklet for
YUV(171.3810, 24.9552, -117.8521)
contains.

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Color

**YUV(171.3810, 24.9552,
-117.8521)**

Conversions

Conversions Part 1

Format	Color
Hex	25E6DE
RGB	37, 230, 222
RGB Percent	15%, 90%, 87%
CMY	0.8549, 0.0980, 0.1294
CMYK	0.84, 0.00, 0.03, 0.10
HSL	178°, 79%, 52%
HSV	178°, 84%, 90%
XYZ	42.2446, 62.2609, 78.8983
YIQ	171.3810, -112.4600, -43.4040

Conversions

Conversions Part 2

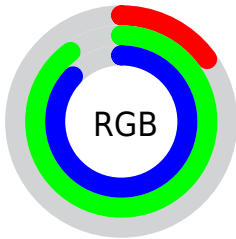
Format	Color
R _Y B	37, 136, 230
Decimal	2483934
CIE Lab	83.05, -45.37, -8.86
CIE LCh	83, 46.229, 191.048
Yxy	62.2609, 0.2303, 0.3395
Android (android.graphics.Color)	4280674014 (0xFF25E6DE)
YUV	171.3810, 24.9552, -117.8521
Hunter-Lab	78.9056, -42.5191, -4.0506

Details

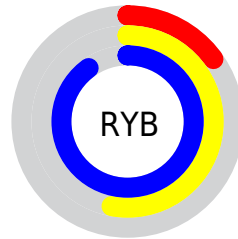
The YUV color **171.3810, 24.9552, -117.8521** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **95.6190, -24.9552, 117.8521**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **121.1760, 22.5912, -106.2714** is the 20% darker color. If you saturate the color by 10%, you get **164.3900, 27.9087, -131.8920**, and if you desaturate by 10%, it is **178.3720, 22.0016, -103.8122**.

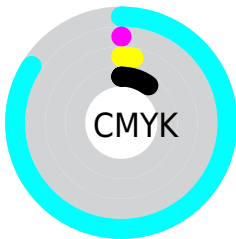
Distribution



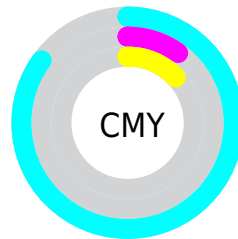
- Red (15%)
- Green (90%)
- Blue (87%)



- Red (15%)
- Yellow (53%)
- Blue (90%)



- Cyan (84%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (85%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3810, 24.9552, -117.8521 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 171.3810, 24.9552, -117.8521 by changing the saturation by 10% instead.

171.3810, 24.9552,
-117.8521

171.3810, 24.9552,
-117.8521

255.0000, 0.0000,
0.0000

140.1030, 26.5712,
-122.8703

215.2330, 19.6051,
-81.7653

121.1760, 22.5912,
-106.2714

225.1000, 14.7407,
-61.4777

101.7760, 19.3374,
-89.2576

234.6680, 10.0237,
-41.8048

83.5500, 15.5049,
-73.2733

244.2360, 5.3067,
-22.1320

65.5520, 12.5459,
-57.4891

253.8040, 0.5896,
-2.4591

48.7280, 9.0081,
-42.7345

32.7190, 6.0545,

-28.6946

■ 14.0030, 5.4215,
-12.2806

■ 0.0000, 0.0000,
0.0000

■ 171.3810, 24.9552,
-117.8521

■ 171.3810, 24.9552,
-117.8521

■ 164.3900, 27.9087,
-131.8920

■ 178.3720, 22.0016,
-103.8122

■ 160.0900, 29.5356,
-140.3989

■ 185.3630, 19.0480,
-89.7724

■ 192.3540, 16.0945,
-75.7325

■ 199.3450, 13.1409,
-61.6926

■ 206.3360, 10.1874,
-47.6527

■ 213.3270, 7.2338,
-33.6128

■ 220.3180, 4.2802,
-19.5729

■ 227.3090, 1.3267,
-5.5330

■ 234.3000, -1.6269,
8.5069

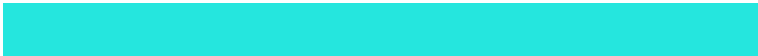
Harmonies

Analogous

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



188.6980, -5.7671, -63.7561



171.3810, 24.9552, -117.8521



162.3190, 45.6917, -142.3538

Triad

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



171.3810, 24.9552, -117.8521



209.9680, 22.2008, 19.3221



204.9600, -39.4203, 43.8851

Complementary

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



171.3810, 24.9552, -117.8521



95.6190, -24.9552, 117.8521

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.



199.2330, -23.2859, 48.9077



171.3810, 24.9552, -117.8521



206.4610, 14.5627, 42.5687

Square

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



171.3810, 24.9552, -117.8521



200.5230, 26.8572, -27.6457



199.6840, -3.7882, 48.5121



201.8440, -40.3491, 15.0458

Rectangle

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



171.3810, 24.9552, -117.8521



175.2310, 39.3261, -107.1966



199.6840, -3.7882, 48.5121



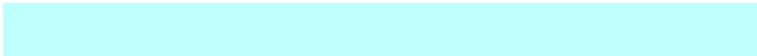
202.8230, -34.9157, 45.7592

Sweetspot

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



171.3810, 24.9552, -117.8521



235.5220, 8.1237, -39.0458



153.2810, -57.3265, -93.2084



116.1110, 4.8753, -23.7763



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.



171.3810, 24.9552, -117.8521



177.5010, 32.7840, -155.6684



121.2240, 53.6266, -73.8644



111.2980, 1.3321, -7.2773



124.5670, 22.8915, -109.2453



35.5230, 6.6442, -31.1537

Inverse Universe

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



95.6190, -24.9552, 117.8521



77.4990, -32.7840, 155.6684



145.7760, -53.6266, 73.8644



106.7020, -1.3321, 7.2773



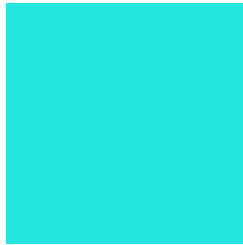
54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 171.3810, 24.9552, -117.8521 looks on a white background.

Color Contrast Check

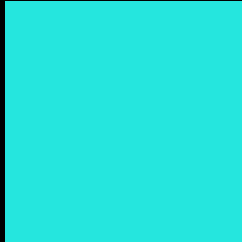
Large Text (above 18pt) WCAG AA × Fail

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 171.3810, 24.9552, -117.8521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

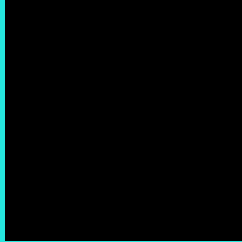
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

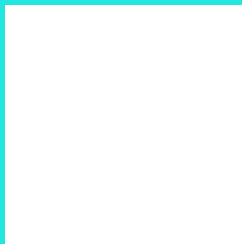
Any Text WCAG AAA ✓ Pass

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

YUV 171.3810, 24.9552, -117.8521 Background



This preview shows how black text looks on a background with the YUV color 171.3810, 24.9552, -117.8521.



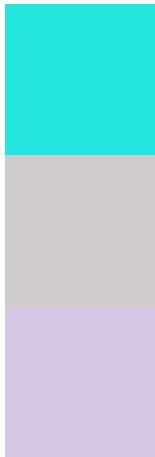
This preview shows how white text looks on a background with the YUV color 171.3810, 24.9552, -117.8521.

-117.8521.

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

171.3810, 24.9552, -117.8521

Protanopia

205.4240, 0.2840, 2.2592

Deuteranopia

207.4920, 10.6034, 5.7075



Tritanopia

178.8200, 32.6267, -105.0821

Trichromacy



Original Color

171.3810, 24.9552, -117.8521



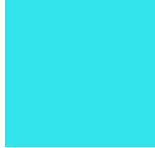
Protanomaly

192.8530, 9.4395, -41.0901



Deuteranomaly

194.4710, 15.5438, -39.0011



Tritanomaly

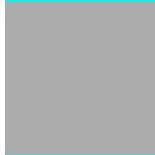
176.1030, 30.0222, -109.7153

Monochromacy



Original Color

171.3810, 24.9552, -117.8521



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.8420, 9.4449, -42.8344

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3810, 24.9552, -117.8521 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(37, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(37, 230, 222)  
}
```

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(37, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 230, 222) }
```

Border

The CSS property to change the border of an element to YUV 171.3810, 24.9552, -117.8521 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(37, 230, 222) }
```


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

```
.border{ border-color:rgb(37, 230, 222) }
```

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

Here you see how a box with a 4 pixel rgb(37, 230, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(37, 230,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 171.3810, 24.9552, -117.8521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 230, 222) }
```

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

```
.background{ background-color: rgb(37, 230,  
222) }
```

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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