

Converting Colors

YUV(147.2690, 25.0104,
-88.8129)

Have a look what the booklet for
YUV(147.2690, 25.0104, -88.8129)
contains.

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Color

**YUV(147.2690, 25.0104,
-88.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	2EBDC6
RGB	46, 189, 198
RGB Percent	18%, 74%, 78%
CMY	0.8196, 0.2588, 0.2235
CMYK	0.77, 0.05, 0.00, 0.22
HSL	184°, 62%, 48%
HSV	184°, 77%, 78%
XYZ	29.5174, 41.0533, 59.7944
YIQ	147.2690, -88.1170, -27.5170

Conversions

Conversions Part 2

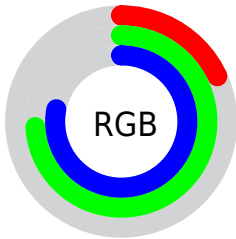
Format	Color
R_{YB}	46, 120, 198
Decimal	3063238
CIE _{Lab}	70.21, -33.01, -15.14
CIE _{LCh}	70, 36.317, 204.634
Yxy	41.0533, 0.2264, 0.3149
Android (android.graphics.Color)	4281253318 (0xFF2EBDC6)
YUV	147.2690, 25.0104, -88.8129
Hunter-Lab	64.0728, -29.8952, -10.4800

Details

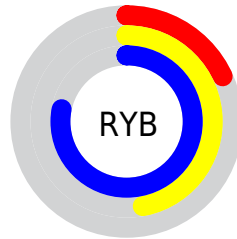
The YUV color **147.2690, 25.0104, -88.8129** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **96.7310, -25.0104, 88.8129**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7540, 22.7993, -79.5913**, and **95.6610, 23.8311, -83.8947** is the 20% darker color. If you saturate the color by 10%, you get **140.7020, 28.2479, -100.5937**, and if you desaturate by 10%, it is **153.8360, 21.7729, -77.0322**.

Distribution



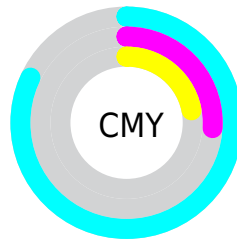
- Red (18%)
- Green (74%)
- Blue (78%)



- Red (18%)
- Yellow (47%)
- Blue (78%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2690, 25.0104, -88.8129 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 147.2690, 25.0104, -88.8129 by changing the saturation by 10% instead.

■ 147.2690, 25.0104,
-88.8129

■ 147.2690, 25.0104,
-88.8129

■ 255.0000, 0.0000,
0.0000

■ 114.5880, 27.8111,
-100.4937

■ 208.7540, 22.7993,
-79.5913

■ 95.6610, 23.8311,
-83.8947

■ 223.3060, 15.6251,
-65.1664

■ 77.5490, 20.4353,
-68.0105

■ 232.2760, 11.2029,
-46.7231

■ 60.0240, 16.7502,
-52.6410

■ 241.5450, 6.6333,
-27.6650

■ 43.7870, 12.9230,
-38.4012

■ 250.5150, 2.2111,
-9.2217

■ 28.3650, 9.6801,
-24.8761

■ 4.9530, 11.3622,

-4.3438

■ 0.0000, 0.0000,
0.0000

■ 147.2690, 25.0104,
-88.8129

■ 147.2690, 25.0104,
-88.8129

■ 140.7020, 28.2479,
-100.5937

■ 153.8360, 21.7729,
-77.0322

■ 134.1350, 31.4854,
-112.3744

■ 160.4030, 18.5353,
-65.2514

■ 131.7540, 32.6593,
-115.5483

■ 167.2580, 15.1558,
-54.6003

■ 173.8250, 11.9183,
-42.8195

■ 180.3920, 8.6807,
-31.0388

■ 186.9590, 5.4432,
-19.2580

■ 193.5260, 2.2057,
-7.4773

■ 199.7940, -0.8844,
3.6887

■ 206.9480, -4.4114,
14.9546

Harmonies

Analogous

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



155.0540, 4.4104, -61.4374



147.2690, 25.0104, -88.8129



152.4840, 35.7504, -80.2315

Triad

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



147.2690, 25.0104, -88.8129



176.5300, 16.5007, 27.5992



170.2010, -31.6511, 25.2567

Complementary

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



147.2690, 25.0104, -88.8129



96.7310, -25.0104, 88.8129

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.



172.1140, -26.1852, 45.5040



147.2690, 25.0104, -88.8129



175.7640, 1.5953, 48.4420

Square

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



147.2690, 25.0104, -88.8129



173.2360, 28.9707, -5.4690



174.0840, -13.8454, 54.3003



166.7740, -27.4966, -0.6788

Rectangle

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



147.2690, 25.0104, -88.8129



161.1540, 36.4061, -57.1401



174.0840, -13.8454, 54.3003



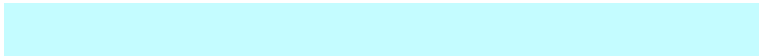
171.0710, -31.0940, 33.2637

Sweetspot

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



147.2690, 25.0104, -88.8129



235.5980, 9.5652, -34.7274



136.1360, -40.4930, -79.0493



115.4750, 6.1748, -20.5876



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.



147.2690, 25.0104, -88.8129



176.5170, 38.6921, -137.2654



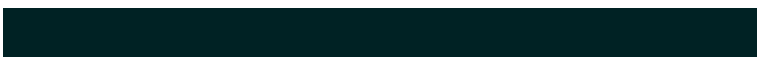
103.2440, 46.7147, -50.2030



96.3090, 1.3267, -5.5330



108.9800, 26.6319, -95.5755



24.0620, 5.8854, -21.1024

Inverse Universe

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



107.7500, 40.0562, 79.1492



115.4590, 61.8917, 122.3775



140.7560, -46.7147, 50.2030



93.7170, 2.6045, 4.6332



66.2930, 43.2396, 84.8120



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 147.2690, 25.0104, -88.8129 looks on a white background.

Color Contrast Check

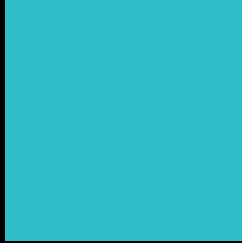
Large Text (above 18pt) WCAG AA × Fail

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 147.2690, 25.0104, -88.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

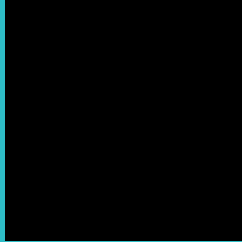
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

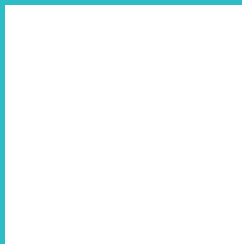
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.2690, 25.0104, -88.8129

Background



This preview shows how black text looks on a background with the YUV color 147.2690, 25.0104, -88.8129.

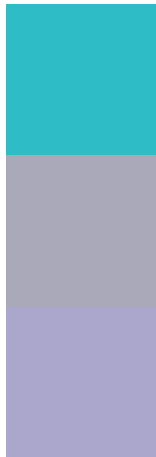


This preview shows how white text looks on a background with the YUV color 147.2690, 25.0104, -88.8129.

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

147.2690, 25.0104, -88.8129

Protanopia

170.8240, 6.9888, -1.5996

Deuteranopia

171.7130, 15.4245, -0.6253



Tritanopia

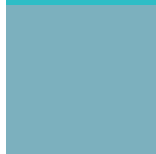
148.4480, 26.8941, -86.3389

Trichromacy



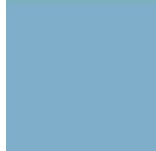
Original Color

147.2690, 25.0104, -88.8129



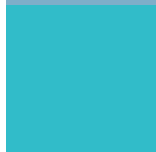
Protanomaly

162.0480, 13.7803, -33.3681



Deuteranomaly

162.7260, 18.8691, -32.2087



Tritanomaly

147.9210, 26.1679, -86.7537

Monochromacy



Original Color

147.2690, 25.0104, -88.8129



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.9080, 9.4124, -32.3683

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2690, 25.0104, -88.8129 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(46, 189, 198)` looks like.

```
.text, #text, p{  
    color:rgb(46, 189, 198)  
}
```

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(46, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 189, 198) }
```

Border

The CSS property to change the border of an element to YUV 147.2690, 25.0104, -88.8129 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(46, 189, 198) }
```


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

```
.border{ border-color:rgb(46, 189, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(46, 189,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 147.2690, 25.0104, -88.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 189, 198) }
```

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

```
.background{ background-color: rgb(46, 189,  
198) }
```

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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