

Converting Colors

YUV(134.2510, 32.4143,
-83.5351)

Have a look what the booklet for
YUV(134.2510, 32.4143, -83.5351)
contains.

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Color

**YUV(134.2510, 32.4143,
-83.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	27AAC8
RGB	39, 170, 200
RGB Percent	15%, 67%, 78%
CMY	0.8471, 0.3333, 0.2157
CMYK	0.80, 0.15, 0.00, 0.22
HSL	191°, 67%, 47%
HSV	191°, 80%, 78%
XYZ	25.6368, 33.3509, 59.7298
YIQ	134.2510, -87.7060, -18.4420

Conversions

Conversions Part 2

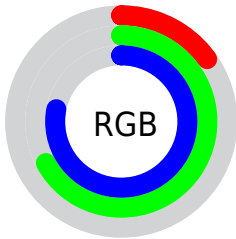
Format	Color
R_{YB}	39, 111, 200
Decimal	2599624
CIE Lab	64.44, -23.69, -25.03
CIE LCh	64, 34.457, 226.576
Yxy	33.3509, 0.2159, 0.2809
Android (android.graphics.Color)	4280789704 (0xFF27AAC8)
YUV	134.2510, 32.4143, -83.5351
Hunter-Lab	57.7503, -21.8224, -20.8971

Details

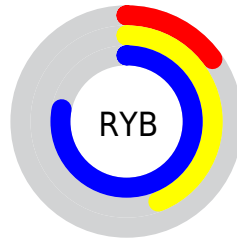
The YUV color **134.2510, 32.4143, -83.5351** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **104.7490, -32.4143, 83.5351**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2200, 29.4715, -72.9839**, and **85.9100, 29.6244, -75.3431** is the 20% darker color. If you saturate the color by 10%, you get **125.9230, 36.5200, -93.7715**, and if you desaturate by 10%, it is **142.5790, 28.3086, -73.2988**.

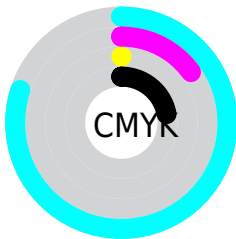
Distribution



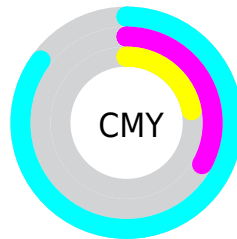
- Red (15%)
- Green (67%)
- Blue (78%)



- Red (15%)
- Yellow (44%)
- Blue (78%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2510, 32.4143, -83.5351 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 134.2510, 32.4143, -83.5351 by changing the saturation by 10% instead.

■ 134.2510, 32.4143,
-83.5351

■ 134.2510, 32.4143,
-83.5351

■ 255.0000, 0.0000,
0.0000

■ 103.6630, 34.1831,
-90.9125

■ 195.2200, 29.4715,
-72.9839

■ 85.9100, 29.6244,
-75.3431

■ 220.9250, 16.7990,
-68.3402

■ 68.2710, 25.5024,
-59.8737

■ 230.7810, 11.9400,
-49.7969

■ 51.3330, 21.5278,
-45.0190

■ 239.7510, 7.5178,
-31.3536

■ 35.0960, 17.7007,
-30.7792

■ 249.0200, 2.9481,
-12.2955

■ 20.8480, 13.8789,
-18.2837

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 134.2510, 32.4143,
-83.5351

■ 134.2510, 32.4143,
-83.5351

■ 125.9230, 36.5200,
-93.7715

■ 142.5790, 28.3086,
-73.2988

■ 118.4810, 40.1889,
-103.9078

■ 150.3200, 24.4922,
-62.5476

■ 158.6480, 20.3865,
-52.3113

■ 166.9760, 16.2808,
-42.0750

■ 175.3040, 12.1751,
-31.8386

■ 183.0450, 8.3588,
-21.0875

■ 191.3730, 4.2531,
-10.8511

■ 199.7010, 0.1474,
-0.6148

■ 208.0290, -3.9583,
9.6216

Harmonies

Analogous

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



134.7280, 18.8681, -78.6915



134.2510, 32.4143, -83.5351



146.6170, 34.2058, -51.4071

Triad

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



134.2510, 32.4143, -83.5351



160.3440, 5.2534, 41.7943



152.7040, -27.9551, 6.3986

Complementary

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



134.2510, 32.4143, -83.5351



104.7490, -32.4143, 83.5351

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.



155.6190, -28.8992, 29.2751



134.2510, 32.4143, -83.5351



158.9140, -9.3246, 50.9414

Square

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



134.2510, 32.4143, -83.5351



160.1590, 19.1486, 18.2776



156.9660, -21.6752, 45.6338



148.2860, -17.3960, -20.4218

Rectangle

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



134.2510, 32.4143, -83.5351



153.6740, 31.2197, -26.9011



156.9660, -21.6752, 45.6338



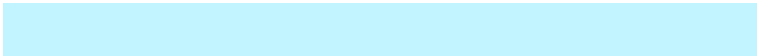
153.7050, -29.4346, 14.2907

Sweetspot

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



134.2510, 32.4143, -83.5351



230.3040, 12.1751, -31.8386



136.9270, -33.4880, -85.8820



112.8280, 7.4798, -19.1432



0.0000, 0.0000, 0.0000



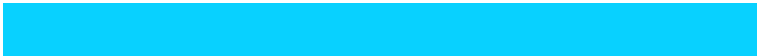
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.2510, 32.4143, -83.5351



154.1450, 49.7215, -128.1692



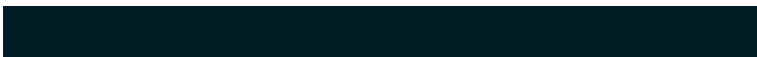
87.2910, 55.5655, -42.3512



95.7220, 1.6161, -5.0182



96.6530, 32.7091, -84.7647



21.1270, 7.3324, -18.5284

Inverse Universe

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



102.0730, 33.4880, 85.8820



104.7670, 51.3869, 131.7543



151.7090, -55.5655, 42.3512



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 134.2510, 32.4143, -83.5351 looks on a white background.

Color Contrast Check

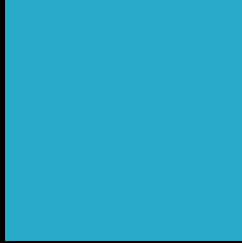
Large Text (above 18pt) WCAG AA × Fail

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 134.2510, 32.4143, -83.5351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

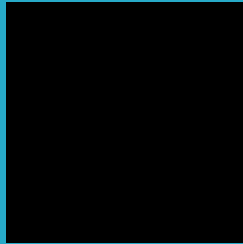
Any Text WCAG AA ✓ Pass

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 134.2510, 32.4143, -83.5351 Background



This preview shows how black text looks on a background with the YUV color 134.2510, 32.4143, -83.5351.

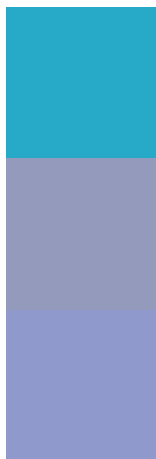


This preview shows how white text looks on a background with the YUV color 134.2510, 32.4143, -83.5351.

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

134.2510, 32.4143, -83.5351

Protanopia

155.7830, 15.8830, -7.7027

Deuteranopia

156.1230, 23.6034, -10.6319



Tritanopia

128.1480, 28.5210, -94.8458

Trichromacy



Original Color

134.2510, 32.4143, -83.5351

Protanomaly

148.1000, 21.6427, -35.1677

Deuteranomaly

148.1690, 27.0317, -36.9822

Tritanomaly

130.2240, 29.9626, -90.5274

Monochromacy



Original Color

134.2510, 32.4143, -83.5351

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9020, 11.8803, -30.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2510, 32.4143, -83.5351 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(39, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(39, 170, 200)  
}
```

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(39, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 170, 200) }
```

Border

The CSS property to change the border of an element to YUV 134.2510, 32.4143, -83.5351 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(39, 170, 200) }
```


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

```
.border{ border-color:rgb(39, 170, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 170, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(39, 170,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 134.2510, 32.4143, -83.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 170, 200) }
```

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

```
.background{ background-color: rgb(39, 170,  
200) }
```

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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