

Converting Colors

YUV(131.6010, 24.8467,
-82.9651)

Have a look what the booklet for
YUV(131.6010, 24.8467, -82.9651)
contains.

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Color

**YUV(131.6010, 24.8467,
-82.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	25AAB6
RGB	37, 170, 182
RGB Percent	15%, 67%, 71%
CMY	0.8549, 0.3333, 0.2863
CMYK	0.80, 0.07, 0.00, 0.29
HSL	185°, 66%, 43%
HSV	185°, 80%, 71%
XYZ	23.5812, 32.5202, 49.2901
YIQ	131.6010, -83.1200, -24.4640

Conversions

Conversions Part 2

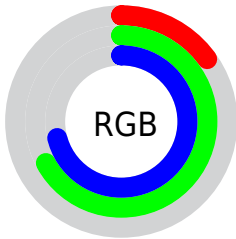
Format	Color
RYB	37, 106, 182
Decimal	2468534
CIELab	63.77, -29.66, -16.03
CIELCh	64, 33.713, 208.393
Yxy	32.5202, 0.2237, 0.3086
Android (android.graphics.Color)	4280658614 (0xFF25AAB6)
YUV	131.6010, 24.8467, -82.9651
Hunter-Lab	57.0265, -25.9842, -11.3281

Details

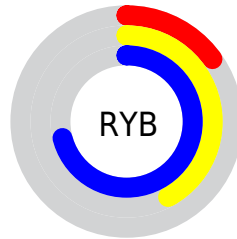
The YUV color **131.6010, 24.8467, -82.9651** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.3990, -24.8467, 82.9651**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3850, 22.4882, -73.1286**, and **83.3850, 22.4882, -73.1286** is the 20% darker color. If you saturate the color by 10%, you get **125.0450, 28.0788, -93.0015**, and if you desaturate by 10%, it is **138.1570, 21.6146, -72.9287**.

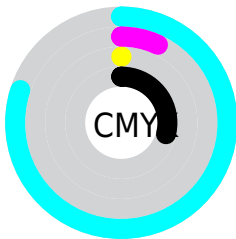
Distribution



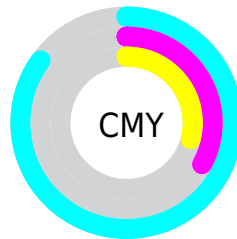
- Red (15%)
- Green (67%)
- Blue (71%)



- Red (15%)
- Yellow (42%)
- Blue (71%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6010, 24.8467, -82.9651 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 131.6010, 24.8467, -82.9651 by changing the saturation by 10% instead.

■ 131.6010, 24.8467,
-82.9651

■ 131.6010, 24.8467,
-82.9651

■ 255.0000, 0.0000,
0.0000

■ 101.6110, 26.3208,
-89.1128

■ 192.3850, 22.4882,
-73.1286

■ 83.3850, 22.4882,
-73.1286

■ 220.3160, 17.0992,
-71.3141

■ 65.8600, 18.8030,
-57.7592

■ 229.2860, 12.6770,
-52.8708

■ 49.0360, 15.2653,
-43.0046

■ 238.5550, 8.1074,
-33.8127

■ 32.9130, 11.8749,
-28.8647

■ 247.5250, 3.6852,
-15.3694

■ 17.6050, 9.0687,
-15.4396

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 131.6010, 24.8467,
-82.9651

■ 131.6010, 24.8467,
-82.9651

■ 125.0450, 28.0788,
-93.0015

■ 138.1570, 21.6146,
-72.9287

■ 119.0760, 31.0215,
-103.5527

■ 144.1260, 18.6719,
-62.3775

■ 118.7770, 31.1689,
-104.1674

■ 150.9810, 15.2924,
-51.7263

■ 156.9500, 12.3497,
-41.1751

■ 163.5060, 9.1175,
-31.1388

■ 169.4750, 6.1748,
-20.5876

■ 176.0310, 2.9427,
-10.5512

■ 182.2990, -0.1474,
0.6148

■ 188.8550, -3.3795,
10.6512

Harmonies

Analogous

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



138.9340, 6.4415, -59.5781



131.6010, 24.8467, -82.9651



138.4530, 32.8077, -69.6803

Triad

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



131.6010, 24.8467, -82.9651



158.7320, 13.4431, 28.2990



152.5640, -28.8721, 20.5534

Complementary

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



131.6010, 24.8467, -82.9651



87.3990, -24.8467, 82.9651

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.



155.0100, -25.1479, 39.4562



131.6010, 24.8467, -82.9651



157.5850, -0.2884, 45.9680

Square

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



131.6010, 24.8467, -82.9651



156.5310, 24.8812, -0.4657



156.2360, -14.4133, 49.7820



149.3760, -23.8494, -3.8378

Rectangle

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



131.6010, 24.8467, -82.9651



146.2970, 32.8846, -47.6185



156.2360, -14.4133, 49.7820



153.7220, -28.4569, 27.4308

Sweetspot

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



131.6010, 24.8467, -82.9651



217.0220, 9.8492, -32.4683



123.2550, -37.5937, -75.6456



107.7740, 6.0274, -19.9728



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



131.6010, 24.8467, -82.9651



157.6750, 39.1072, -130.3880



90.5110, 45.1041, -46.9291



88.7220, 1.6161, -5.0182



101.7250, 26.7576, -89.2128



18.4540, 4.7062, -16.1842

Inverse Universe

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



95.5170, 36.7201, 75.8456



100.9980, 57.6820, 119.2738



128.4890, -45.1041, 46.9291



86.6030, 2.1677, 4.7332



62.9460, 39.4666, 81.6084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 131.6010, 24.8467, -82.9651 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 131.6010, 24.8467, -82.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

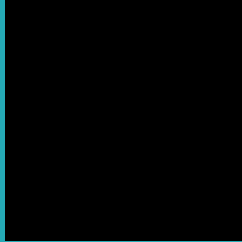
Any Text WCAG AA ✓ Pass

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 131.6010, 24.8467, -82.9651 Background



This preview shows how black text looks on a background with the YUV color 131.6010, 24.8467, -82.9651.



This preview shows how white text looks on a background with the YUV color 131.6010, 24.8467, -82.9651.

-82.9651.

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

131.6010, 24.8467, -82.9651

Protanopia

153.7530, 8.0098, -2.4144

Deuteranopia

154.7020, 15.4299, -2.3697



Tritanopia

132.4270, 25.4255, -81.9355

Trichromacy



Original Color

131.6010, 24.8467, -82.9651

Protanomaly

146.0590, 13.7749, -31.6237

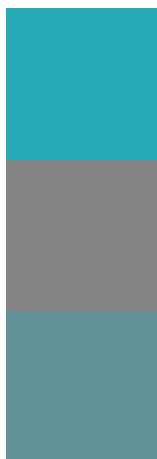
Deuteranomaly

146.1390, 19.1585, -31.6939

Tritanomaly

132.0140, 25.1361, -82.4503

Monochromacy



Original Color

131.6010, 24.8467, -82.9651

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8050, 8.9701, -30.5240

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6010, 24.8467, -82.9651 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, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(37, 170, 182)  
}
```

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, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 170, 182) }
```

Border

The CSS property to change the border of an element to YUV 131.6010, 24.8467, -82.9651 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, 170, 182) }
```


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

```
.border{ border-color:rgb(37, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(37, 170,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 131.6010, 24.8467, -82.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 170, 182) }
```

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

```
.background{ background-color: rgb(37, 170,  
182) }
```

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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