

Converting Colors

YUV(131.4980, 24.4045,
-81.1207)

Have a look what the booklet for
YUV(131.4980, 24.4045, -81.1207)
contains.

YUV(131.4980, 24.4045, -81.1207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.4980, 24.4045,
-81.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	27A9B5
RGB	39, 169, 181
RGB Percent	15%, 66%, 71%
CMY	0.8471, 0.3373, 0.2902
CMYK	0.78, 0.07, 0.00, 0.29
HSL	185°, 65%, 43%
HSV	185°, 78%, 71%
XYZ	23.3652, 32.1435, 48.6889
YIQ	131.4980, -81.3320, -23.8280

Conversions

Conversions Part 2

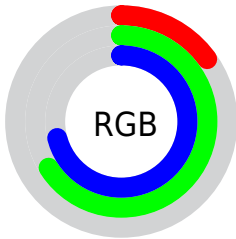
Format	Color
R _Y B	39, 107, 181
Decimal	2599349
CIE Lab	63.46, -29.29, -15.94
CIE LCh	63, 33.343, 208.554
Yxy	32.1435, 0.2242, 0.3085
Android (android.graphics.Color)	4280789429 (0xFF27A9B5)
YUV	131.4980, 24.4045, -81.1207
Hunter-Lab	56.6952, -25.6534, -11.2306

Details

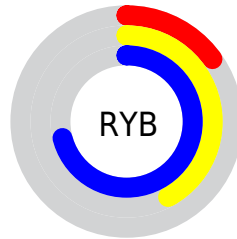
The YUV color **131.4980, 24.4045, -81.1207** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.5020, -24.4045, 81.1207**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9830, 22.1934, -71.8991**, and **82.6840, 22.3408, -72.5139** is the 20% darker color. If you saturate the color by 10%, you get **124.9420, 27.6366, -91.1571**, and if you desaturate by 10%, it is **138.0540, 21.1724, -71.0844**.

Distribution



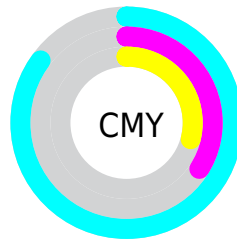
- Red (15%)
- Green (66%)
- Blue (71%)



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



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4980, 24.4045, -81.1207 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 131.4980, 24.4045, -81.1207 by changing the saturation by 10% instead.

■ 131.4980, 24.4045,
-81.1207

■ 131.4980, 24.4045,
-81.1207

■ 255.0000, 0.0000,
0.0000

■ 100.9100, 26.1734,
-88.4981

■ 191.9830, 22.1934,
-71.8991

■ 82.6840, 22.3408,
-72.5139

■ 219.4410, 17.5306,
-69.6698

■ 65.1590, 18.6556,
-57.1444

■ 229.5850, 12.5296,
-52.2560

■ 48.3350, 15.1178,
-42.3898

■ 238.5550, 8.1074,
-33.8127

■ 32.2120, 11.7275,
-28.2499

■ 247.5250, 3.6852,
-15.3694

■ 16.9040, 8.9213,
-14.8248

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 131.4980, 24.4045,
-81.1207

■ 131.4980, 24.4045,
-81.1207

■ 124.9420, 27.6366,
-91.1571

■ 138.0540, 21.1724,
-71.0844

■ 118.9730, 30.5793,
-101.7083

■ 144.0230, 18.2297,
-60.5332

■ 118.0760, 31.0215,
-103.5527

■ 150.5790, 14.9976,
-50.4968

■ 156.5480, 12.0548,
-39.9456

■ 163.4030, 8.6753,
-29.2944

■ 169.3720, 5.7326,
-18.7432

■ 175.9280, 2.5005,
-8.7069

■ 181.8970, -0.4422,
1.8443

■ 188.4530, -3.6743,
11.8807

Harmonies

Analogous

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



138.2330, 6.2941, -58.9633



131.4980, 24.4045, -81.1207



137.9370, 32.0761, -68.3507

Triad

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



131.4980, 24.4045, -81.1207



157.7320, 13.4431, 28.2990



151.6780, -28.4353, 20.4534

Complementary

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



131.4980, 24.4045, -81.1207



88.5020, -24.4045, 81.1207

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.



153.8250, -24.5637, 38.7415



131.4980, 24.4045, -81.1207



157.1720, -0.5778, 45.4532

Square

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



131.4980, 24.4045, -81.1207



156.1180, 24.5918, -0.9805



155.6380, -14.1185, 48.5525



148.4900, -23.4126, -3.9377

Rectangle

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



131.4980, 24.4045, -81.1207



145.4820, 32.3004, -46.9037



155.6380, -14.1185, 48.5525



152.8360, -28.0201, 27.3308

Sweetspot

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



131.4980, 24.4045, -81.1207



215.0220, 9.8492, -32.4683



123.7220, -35.8519, -74.3012



105.0730, 5.8800, -19.3580



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



131.4980, 24.4045, -81.1207



157.7680, 38.0754, -126.0845



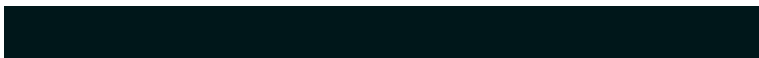
89.8210, 44.9512, -44.5700



85.7220, 1.6161, -5.0182



99.6220, 26.3154, -87.3685



16.4650, 4.7008, -14.4398

Inverse Universe

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



96.2780, 35.8519, 74.3012



103.1070, 55.6562, 115.6702



130.1790, -44.9512, 44.5700



83.6030, 2.1677, 4.7332



61.7070, 38.5984, 80.0640



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 131.4980, 24.4045, -81.1207 looks on a white background.

Color Contrast Check

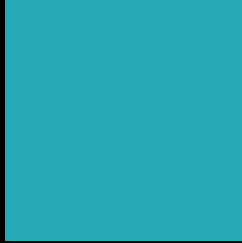
Large Text (above 18pt) WCAG AA × Fail

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 131.4980, 24.4045, -81.1207 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

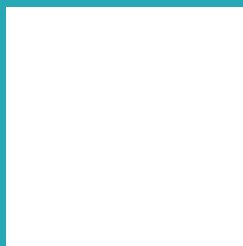
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4980, 24.4045, -81.1207

Background



This preview shows how black text looks on a background with the YUV color 131.4980, 24.4045, -81.1207.



This preview shows how white text looks on a background with the YUV color 131.4980, 24.4045, -81.1207.

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

131.4980, 24.4045, -81.1207

Protanopia

152.8670, 8.4466, -2.5144

Deuteranopia

153.7020, 15.4299, -2.3697



Tritanopia

131.9110, 24.6939, -80.6059

Trichromacy



Original Color

131.4980, 24.4045, -81.1207

Protanomaly

145.4720, 14.0643, -31.1089

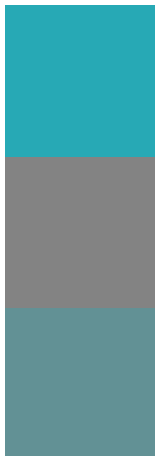
Deuteranomaly

145.4380, 19.0111, -31.0791

Tritanomaly

131.9110, 24.6939, -80.6059

Monochromacy



Original Color

131.4980, 24.4045, -81.1207

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4030, 8.6753, -29.2944

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4980, 24.4045, -81.1207 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, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(39, 169, 181)  
}
```

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, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 169, 181) }
```

Border

The CSS property to change the border of an element to YUV 131.4980, 24.4045, -81.1207 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, 169, 181) }
```


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

```
.border{ border-color:rgb(39, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(39, 169,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 131.4980, 24.4045, -81.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 169, 181) }
```

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

```
.background{ background-color: rgb(39, 169,  
181) }
```

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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