

Converting Colors

YUV(130.0370, 20.1948,
-84.2244)

Have a look what the booklet for
YUV(130.0370, 20.1948, -84.2244)
contains.

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Color

**YUV(130.0370, 20.1948,
-84.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	22ABAB
RGB	34, 171, 171
RGB Percent	13%, 67%, 67%
CMY	0.8667, 0.3294, 0.3294
CMYK	0.80, 0.00, 0.00, 0.33
HSL	180°, 67%, 40%
HSV	180°, 80%, 67%
XYZ	22.5733, 32.4062, 43.5934
YIQ	130.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

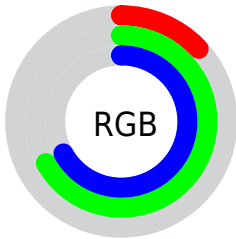
Format	Color
RYB	34, 103, 171
Decimal	2272171
CIELab	63.68, -33.80, -10.03
CIElCh	64, 35.255, 196.533
Yxy	32.4062, 0.2290, 0.3288
Android (android.graphics.Color)	4280462251 (0xFF22ABAB)
YUV	130.0370, 20.1948, -84.2244
Hunter-Lab	56.9264, -28.8399, -5.5549

Details

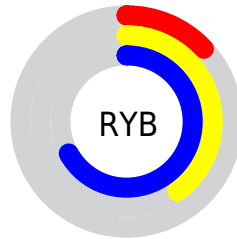
The YUV color **130.0370, 20.1948, -84.2244** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **74.9630, -20.1948, 84.2244**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7070, 17.3994, -74.2880**, and **82.8320, 17.8308, -72.6437** is the 20% darker color. If you saturate the color by 10%, you get **124.9540, 22.7007, -94.6757**, and if you desaturate by 10%, it is **135.1200, 17.6888, -73.7732**.

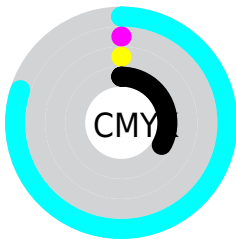
Distribution



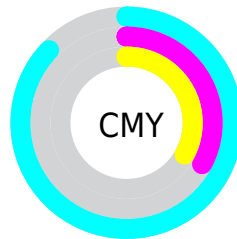
- Red (13%)
- Green (67%)
- Blue (67%)



- Red (13%)
- Yellow (40%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)





- Cyan (87%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.0370, 20.1948, -84.2244 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 130.0370, 20.1948, -84.2244 by changing the saturation by 10% instead.


 130.0370, 20.1948,
-84.2244


 130.0370, 20.1948,
-84.2244


255.0000, 0.0000,
0.0000


 101.0580, 21.6634,
-88.6279


 190.7070, 17.3994,
-74.2880

 82.8320, 17.8308,
-72.6437


 219.7180, 17.3940,
-72.5437

 65.3070, 14.1456,
-57.2742


 228.6880, 12.9718,
-54.1004

 48.5970, 11.0447,
-42.6196

 237.6580, 8.5496,
-35.6571

 31.8870, 7.9437,
-27.9649

 246.6280, 4.1274,
-17.2138

 16.1060, 5.8637,
-14.1250

 0.0000, 0.0000,

0.0000

■ 130.0370, 20.1948,
-84.2244

■ 130.0370, 20.1948,
-84.2244

■ 124.9540, 22.7007,
-94.6757

■ 135.1200, 17.6888,
-73.7732

■ 119.8710, 25.2066,
-105.1269

■ 140.2030, 15.1829,
-63.3220

■ 145.2860, 12.6770,
-52.8708

■ 150.3690, 10.1711,
-42.4196

■ 155.4520, 7.6652,
-31.9684

■ 160.8340, 5.0118,
-20.9024

■ 165.9170, 2.5059,
-10.4512

■ 171.0000, 0.0000,
0.0000

■ 176.0830, -2.5059,
10.4512

Harmonies

Analogous

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



140.1540, -0.5689, -51.0011



130.0370, 20.1948, -84.2244



128.7770, 34.6199, -91.0124

Triad

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



130.0370, 20.1948, -84.2244



158.2730, 19.5854, 18.1776



152.8040, -29.4834, 29.9899

Complementary

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



130.0370, 20.1948, -84.2244



74.9630, -20.1948, 84.2244

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.



155.1510, -22.2594, 46.3486



130.0370, 20.1948, -84.2244



157.8710, 5.9796, 42.2091

Square

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



130.0370, 20.1948, -84.2244



153.9960, 29.5820, -14.9055



156.6260, -9.1826, 52.0710



150.5900, -28.3919, 6.4986

Rectangle

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



130.0370, 20.1948, -84.2244



139.4580, 35.2702, -66.1767



156.6260, -9.1826, 52.0710



153.8910, -28.0473, 36.0526

Sweetspot

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



130.0370, 20.1948, -84.2244



206.1530, 7.8126, -32.5832



114.4190, -39.6466, -70.5275



102.4320, 4.7170, -19.6729



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



130.0370, 20.1948, -84.2244



158.3130, 31.3977, -130.9475



89.5340, 40.1627, -48.7033



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



90.5810, 39.6466, 70.5275



96.9690, 61.6403, 109.6522



114.8790, -39.8733, 49.2181



81.7170, 2.6045, 4.6332



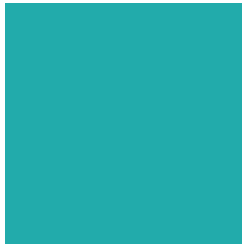
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 130.0370, 20.1948, -84.2244 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 130.0370, 20.1948, -84.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

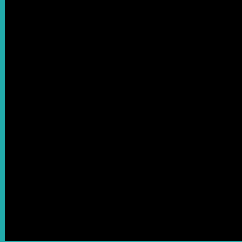
Any Text WCAG AA ✓ Pass

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 130.0370, 20.1948, -84.2244 Background



This preview shows how black text looks on a background with the YUV color 130.0370, 20.1948, -84.2244.



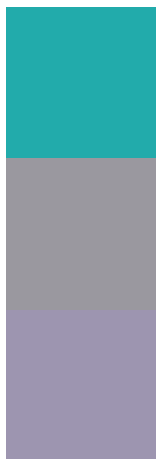
This preview shows how white text looks on a background with the YUV color 130.0370, 20.1948, -84.2244.

-84.2244.

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

130.0370, 20.1948, -84.2244

Protanopia

153.3960, 2.7628, 0.5297

Deuteranopia

154.4700, 10.6143, 2.2188



Tritanopia

133.5200, 24.3936, -77.6320

Trichromacy



Original Color

130.0370, 20.1948, -84.2244

Protanomaly

144.8050, 8.9701, -30.5240

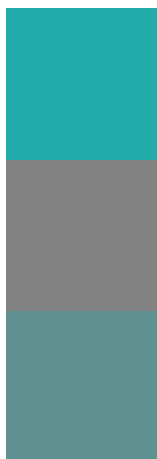
Deuteranomaly

145.4830, 14.0589, -29.3646

Tritanomaly

132.4550, 22.9467, -80.2060

Monochromacy



Original Color

130.0370, 20.1948, -84.2244

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0500, 7.3703, -30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0370, 20.1948, -84.2244 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(34, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(34, 171, 171)  
}
```

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(34, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 171, 171) }
```

Border

The CSS property to change the border of an element to YUV 130.0370, 20.1948, -84.2244 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(34, 171, 171) }
```


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

```
.border{ border-color:rgb(34, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(34, 171,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 130.0370, 20.1948, -84.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 171, 171) }
```

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

```
.background{ background-color: rgb(34, 171,  
171) }
```

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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