

Converting Colors

YUV(164.1820, 20.1233,
-108.0306)

Have a look what the booklet for
YUV(164.1820, 20.1233, -108.0306)
contains.

YUV(164.1820, 20.1233, -108.0306)	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(164.1820, 20.1233,
-108.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	29DBCD
RGB	41, 219, 205
RGB Percent	16%, 86%, 80%
CMY	0.8392, 0.1412, 0.1961
CMYK	0.81, 0.00, 0.06, 0.14
HSL	175°, 71%, 51%
HSV	175°, 81%, 86%
XYZ	37.2654, 55.5422, 66.5142
YIQ	164.1820, -101.5940, -42.0900

Conversions

Conversions Part 2

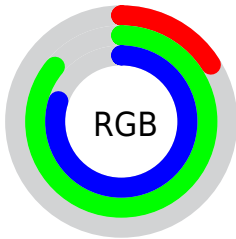
Format	Color
RYB	41, 134, 219
Decimal	2743245
CIELab	79.35, -45.05, -5.30
CIELCh	79, 45.360, 186.709
Yxy	55.5422, 0.2339, 0.3486
Android (android.graphics.Color)	4280933325 (0xFF29DBCD)
YUV	164.1820, 20.1233, -108.0306
Hunter-Lab	74.5267, -41.1667, -0.7470

Details

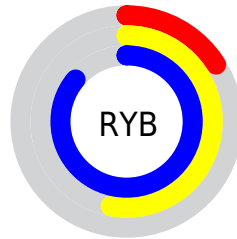
The YUV color **164.1820, 20.1233, -108.0306** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **95.8180, -20.1233, 108.0306**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **112.8950, 18.7858, -99.0089** is the 20% darker color. If you saturate the color by 10%, you get **157.3760, 22.4926, -121.3558**, and if you desaturate by 10%, it is **170.9880, 17.7539, -94.7055**.

Distribution



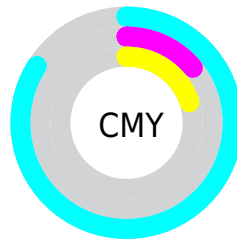
- Red (16%)
- Green (86%)
- Blue (80%)



- Red (16%)
- Yellow (53%)
- Blue (86%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (84%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1820, 20.1233, -108.0306 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 164.1820, 20.1233, -108.0306 by changing the saturation by 10% instead.

164.1820, 20.1233,
-108.0306

164.1820, 20.1233,
-108.0306

255.0000, 0.0000,
0.0000

132.4090, 22.4764,
-116.1227

214.6350, 19.8999,
-82.9949

112.8950, 18.7858,
-99.0089

224.5020, 15.0355,
-62.7073

94.0820, 15.2426,
-82.5099

233.7710, 10.4659,
-43.6492

75.9700, 11.8468,
-66.6257

243.0400, 5.8963,
-24.5911

58.5590, 8.5984,
-51.3562

252.6080, 1.1793,
-4.9182

41.3760, 6.2236,
-36.2868

26.5410, 2.6913,

-23.2765

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 164.1820, 20.1233,
-108.0306

■ 164.1820, 20.1233,
-108.0306

■ 157.3760, 22.4926,
-121.3558

■ 170.9880, 17.7539,
-94.7055

■ 151.5810, 24.8566,
-132.9365

■ 177.6800, 14.9478,
-81.2804

■ 184.4860, 12.5784,
-67.9552

■ 191.2920, 10.2090,
-54.6301

■ 198.0980, 7.8397,
-41.3049

■ 204.4910, 5.1809,
-28.4946

■ 211.2970, 2.8116,
-15.1695

■ 218.1030, 0.4422,
-1.8443

■ 224.9090, -1.9271,
11.4808

Harmonies

Analogous

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



179.9440, -8.8464, -56.0789



164.1820, 20.1233, -108.0306



155.4230, 44.6545, -136.3060

Triad

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



164.1820, 20.1233, -108.0306



199.8900, 27.1692, 12.3745



196.0360, -37.9787, 48.2034

Complementary

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



164.1820, 20.1233, -108.0306



95.8180, -20.1233, 108.0306

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.



192.3200, -21.8498, 54.9704



164.1820, 20.1233, -108.0306



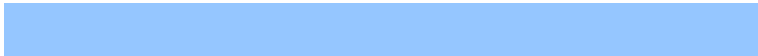
201.1950, 14.6939, 47.1870

Square

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



164.1820, 20.1233, -108.0306



189.8470, 32.1204, -35.8228



193.4720, -2.2047, 53.9601



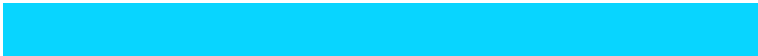
192.5780, -40.2180, 19.6641

Rectangle

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



164.1820, 20.1233, -108.0306



156.4930, 48.5640, -130.2284



193.4720, -2.2047, 53.9601



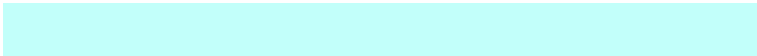
195.2090, -33.6270, 52.4367

Sweetspot

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



164.1820, 20.1233, -108.0306



236.1910, 6.8078, -37.0015



149.9710, -53.7227, -82.4126



116.5950, 4.1437, -22.4468



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.



164.1820, 20.1233, -108.0306



177.9700, 28.1158, -151.6947



122.3400, 47.6534, -71.3352



106.5970, 1.1847, -6.6626



119.7910, 19.8230, -105.0567



31.7900, 5.0335, -27.8798

Inverse Universe

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



95.8180, -20.1233, 108.0306



82.0300, -28.1158, 151.6947



137.6600, -47.6534, 71.3352



102.4030, -1.1847, 6.6626



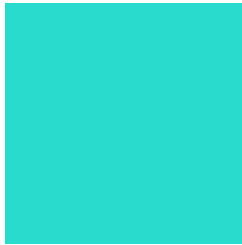
53.3230, -19.3862, 104.9567



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 164.1820, 20.1233, -108.0306 looks on a white background.

Color Contrast Check

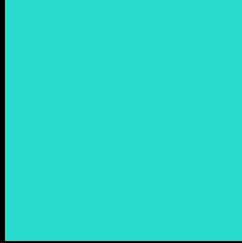
Large Text (above 18pt) WCAG AA × Fail

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 164.1820, 20.1233, -108.0306 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

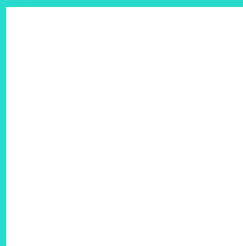
Any Text WCAG AAA ✓ Pass

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

YUV 164.1820, 20.1233, -108.0306 Background



This preview shows how black text looks on a background with the YUV color 164.1820, 20.1233, -108.0306.

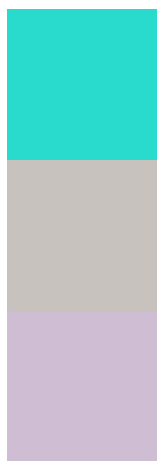


This preview shows how white text looks on a background with the YUV color 164.1820, 20.1233, -108.0306.

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

164.1820, 20.1233, -108.0306

Protanopia

195.0390, -2.4842, 3.4738

Deuteranopia

196.5910, 7.1036, 8.2517



Tritanopia

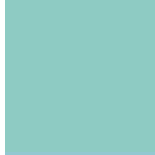
171.4900, 29.8314, -95.1457

Trichromacy



Original Color

164.1820, 20.1233, -108.0306



Protanomaly

183.8490, 5.4974, -36.7016



Deuteranomaly

184.8800, 11.8912, -34.0978



Tritanomaly

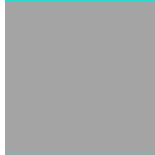
168.5450, 26.3533, -99.5790

Monochromacy



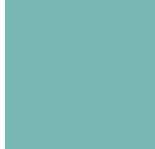
Original Color

164.1820, 20.1233, -108.0306



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9950, 7.3975, -39.4606

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1820, 20.1233, -108.0306 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(41, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(41, 219, 205)  
}
```

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(41, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 219, 205) }
```

Border

The CSS property to change the border of an element to YUV 164.1820, 20.1233, -108.0306 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(41, 219, 205) }
```


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

```
.border{ border-color:rgb(41, 219, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 219, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(41, 219,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 164.1820, 20.1233, -108.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 219, 205) }
```

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

```
.background{ background-color: rgb(41, 219,  
205) }
```

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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