

Converting Colors

YUV(174.7200, 4.0820,
-96.2244)

Have a look what the booklet for
YUV(174.7200, 4.0820, -96.2244)
contains.

YUV(174.7200, 4.0820, -96.2244)	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(174.7200, 4.0820,
-96.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	41E5B7
RGB	65, 229, 183
RGB Percent	25%, 90%, 72%
CMY	0.7451, 0.1020, 0.2824
CMYK	0.72, 0.00, 0.20, 0.10
HSL	163°, 76%, 58%
HSV	163°, 72%, 90%
XYZ	38.7465, 60.5813, 54.4510
YIQ	174.7200, -82.9780, -49.0740

Conversions

Conversions Part 2

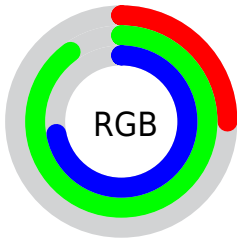
Format	Color
RYB	65, 160, 229
Decimal	4318647
CIELab	82.15, -52.34, 10.48
CIELCh	82, 53.374, 168.676
Yxy	60.5813, 0.2520, 0.3940
Android (android.graphics.Color)	4282508727 (0xFF41E5B7)
YUV	174.7200, 4.0820, -96.2244
Hunter-Lab	77.8340, -47.3505, 13.0058

Details

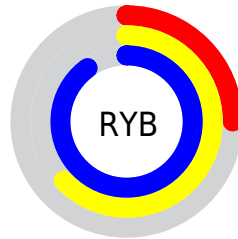
The YUV color **174.7200, 4.0820, -96.2244** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **119.2800, -4.0820, 96.2244**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9970, 10.8475, -72.7884**, and **115.7840, 7.0085, -101.5426** is the 20% darker color. If you saturate the color by 10%, you get **167.1590, 4.8516, -109.7644**, and if you desaturate by 10%, it is **182.2810, 3.3125, -82.6844**.

Distribution



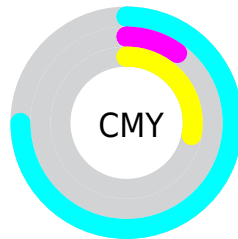
- Red (25%)
- Green (90%)
- Blue (72%)



- Red (25%)
- Yellow (63%)
- Blue (90%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (75%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.7200, 4.0820, -96.2244 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 174.7200, 4.0820, -96.2244 by changing the saturation by 10% instead.

■ 174.7200, 4.0820,
-96.2244

■ 174.7200, 4.0820,
-96.2244

255.0000, 0.0000,
0.0000

■ 135.1840, 10.2623,
-118.5564

■ 216.9970, 10.8475,
-72.7884

■ 115.7840, 7.0085,
-101.5426

■ 228.0900, 13.2666,
-55.3299

■ 97.0850, 3.9021,
-85.1435

■ 237.3590, 8.6970,
-36.2718

■ 79.0870, 0.9431,
-69.3593

■ 246.6280, 4.1274,
-17.2138

■ 61.2030, -1.5791,
-53.6750

■ 44.0200, -3.9539,
-38.6055

■ 28.7120, -6.7600,

-25.1804

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 174.7200, 4.0820,
-96.2244

■ 174.7200, 4.0820,
-96.2244

■ 167.1590, 4.8516,
-109.7644

■ 182.2810, 3.3125,
-82.6844

■ 159.4840, 5.1844,
-123.2045


■ 189.9560, 2.9797,
-69.2444

■ 153.2330, 5.8011,
-134.3853


■ 197.5170, 2.2101,
-55.7044

■ 205.1920, 1.8773,
-42.2644

 212.7530, 1.1078,
-28.7244

 220.1290, 0.9224,
-15.8991

 227.6900, 0.1528,
-2.3591

 235.2510, -0.6167,
11.1809

 238.1420, 1.4090,
14.7845

Harmonies

Analogous

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



190.3580, -26.7985, -38.0250



174.7200, 4.0820, -96.2244



161.8000, 36.0876, -141.8986

Triad

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



174.7200, 4.0820, -96.2244



199.4040, 27.4088, -17.8943



195.0780, -31.5905, 52.5516

Complementary

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



174.7200, 4.0820, -96.2244



119.2800, -4.0820, 96.2244

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.



192.4630, -8.6093, 54.8449



174.7200, 4.0820, -96.2244



208.2950, 23.0256, 34.8213

Square

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



174.7200, 4.0820, -96.2244



176.2050, 38.8459, -93.1418



198.8640, 13.3780, 49.2313



201.4840, -47.5666, 43.4255

Rectangle

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



174.7200, 4.0820, -96.2244



162.9060, 45.4023, -142.8686



198.8640, 13.3780, 49.2313



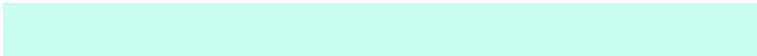
193.6250, -24.4651, 53.8259

Sweetspot

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



174.7200, 4.0820, -96.2244



237.1440, 1.4080, -31.6983



175.0220, -54.2408, -56.1473



117.4060, 0.7858, -18.7731



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.



174.7200, 4.0820, -96.2244



182.4510, 5.2007, -128.4375



158.8320, 34.5928, -82.2907



111.0700, 0.4585, -7.0774



119.6650, 4.1092, -104.9462



34.1550, 1.4026, -29.9539

Inverse Universe

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



119.2800, -4.0820, 96.2244



108.4350, -5.6375, 128.5375



135.1680, -34.5928, 82.2907



106.9300, -0.4585, 7.0774



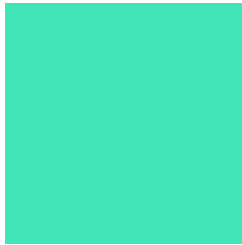
59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 174.7200, 4.0820, -96.2244 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 174.7200, 4.0820, -96.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

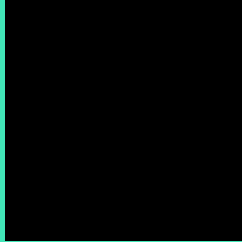
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

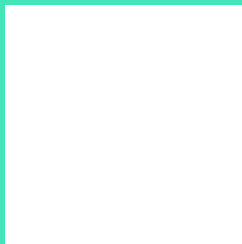
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.7200, 4.0820, -96.2244

Background



This preview shows how black text looks on a background with the YUV color 174.7200, 4.0820, -96.2244.



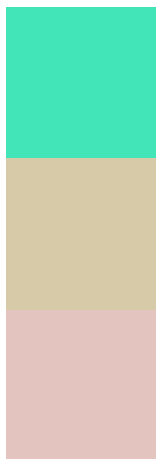
This preview shows how white text looks on a background with the YUV color 174.7200, 4.0820,

-96.2244.

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

174.7200, 4.0820, -96.2244

Protanopia

201.8260, -16.1832, 10.6766

Deuteranopia

204.5850, -7.1904, 19.6580



Tritanopia

184.4810, 26.8779, -81.1058

Trichromacy



Original Color

174.7200, 4.0820, -96.2244



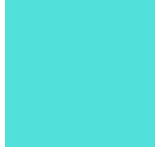
Protanomaly

192.1200, -8.9332, -28.1692



Deuteranomaly

193.6460, -3.2765, -22.4915



Tritanomaly

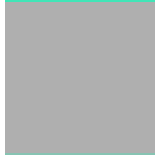
180.9720, 18.7478, -86.7984

Monochromacy



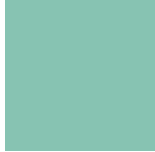
Original Color

174.7200, 4.0820, -96.2244



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1220, 1.4189, -35.1870

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.7200, 4.0820, -96.2244 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(65, 229, 183)` looks like.

```
.text, #text, p{  
    color:rgb(65, 229, 183)  
}
```

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(65, 229, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 229, 183) }
```

Border

The CSS property to change the border of an element to YUV 174.7200, 4.0820, -96.2244 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(65, 229, 183) }
```


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

```
.border{ border-color:rgb(65, 229, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 229, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 229, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 229, 183);  
box-shadow:4px 4px 4px 4px rgb(65, 229,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 174.7200, 4.0820, -96.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 229, 183) }
```

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

```
.background{ background-color: rgb(65, 229,  
183) }
```

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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