

Converting Colors

YUV(164.1100, 12.7638,
-80.7805)

Have a look what the booklet for
YUV(164.1100, 12.7638, -80.7805)
contains.

YUV(164.1100, 12.7638, -80.7805)	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(164.1100, 12.7638,
-80.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	48CEBE
RGB	72, 206, 190
RGB Percent	28%, 81%, 75%
CMY	0.7176, 0.1922, 0.2549
CMYK	0.65, 0.00, 0.08, 0.19
HSL	173°, 58%, 55%
HSV	173°, 65%, 81%
XYZ	34.0381, 49.2380, 56.4251
YIQ	164.1100, -74.7280, -33.3840

Conversions

Conversions Part 2

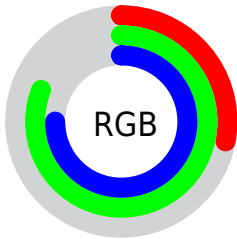
Format	Color
RYB	72, 143, 206
Decimal	4771518
CIELab	75.60, -39.76, -2.72
CIElCh	76, 39.848, 183.907
Yxy	49.2380, 0.2436, 0.3525
Android (android.graphics.Color)	4282961598 (0xFF48CEBE)
YUV	164.1100, 12.7638, -80.7805
Hunter-Lab	70.1698, -36.2102, 1.4425

Details

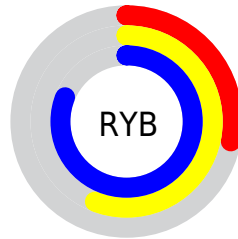
The YUV color **164.1100, 12.7638, -80.7805** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **113.8900, -12.7638, 80.7805**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.3930, 13.6103, -72.2587**, and **104.2550, 16.1433, -91.4316** is the 20% darker color. If you saturate the color by 10%, you get **157.6030, 14.9857, -93.4908**, and if you desaturate by 10%, it is **170.6170, 10.5418, -68.0701**.

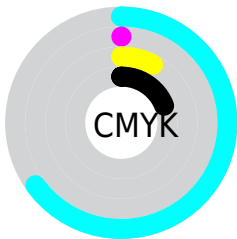
Distribution



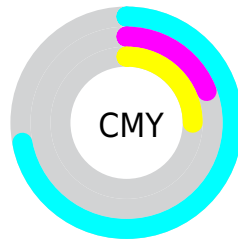
- Red (28%)
- Green (81%)
- Blue (75%)



- Red (28%)
- Yellow (56%)
- Blue (81%)



- Cyan (65%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (72%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1100, 12.7638, -80.7805 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 164.1100, 12.7638, -80.7805 by changing the saturation by 10% instead.

■ 164.1100, 12.7638,
-80.7805

■ 164.1100, 12.7638,
-80.7805

255.0000, 0.0000,
0.0000

■ 132.0380, 15.2643,
-89.4873

■ 218.3930, 13.6103,
-72.2587

■ 104.2550, 16.1433,
-91.4316

■ 228.3890, 13.1192,
-54.7152

■ 86.0290, 12.3107,
-75.4474

■ 237.3590, 8.6970,
-36.2718

■ 68.0310, 9.3517,
-59.6632

■ 246.3290, 4.2748,
-17.8285

■ 50.7340, 6.5401,
-44.4937

■ 34.1380, 3.8760,
-29.9390

■ 19.5310, 1.2172,

-17.1287

■ 0.0000, 0.0000,
0.0000

■ 164.1100, 12.7638,
-80.7805

■ 164.1100, 12.7638,
-80.7805

■ 157.6030, 14.9857,
-93.4908

■ 170.6170, 10.5418,
-68.0701

■ 151.2810, 16.6235,
-105.4864

■ 176.9390, 8.9041,
-56.0745

■ 144.7740, 18.8454,
-118.1968

■ 183.4460, 6.6821,
-43.3641

■ 141.5560, 19.4459,
-124.1446

■ 189.7680, 5.0444,
-31.3685

■ 196.2750, 2.8224,
-18.6582

■ 202.8960, 1.0373,
-6.0478

■ 209.1040, -1.0373,
6.0478

■ 215.7250, -2.8224,
18.6582

■ 221.3350, -4.6022,
29.5242

Harmonies

Analogous

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



173.0810, -9.8999, -44.7980



164.1100, 12.7638, -80.7805



155.0690, 34.9690, -109.6855

Triad

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



164.1100, 12.7638, -80.7805



189.7860, 28.2065, 6.3267



186.2080, -32.1475, 44.5446

Complementary

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



164.1100, 12.7638, -80.7805



113.8900, -12.7638, 80.7805

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.



188.0970, -20.2608, 58.6739



164.1100, 12.7638, -80.7805



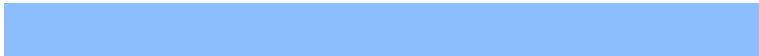
191.5100, 13.5526, 39.8947

Square

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



164.1100, 12.7638, -80.7805



181.5850, 36.1936, -35.5930



189.8530, -3.3785, 57.1339



183.5440, -35.2712, 19.6939

Rectangle

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



164.1100, 12.7638, -80.7805



162.3620, 40.7405, -94.1565



189.8530, -3.3785, 57.1339



187.0500, -29.1116, 50.8222

Sweetspot

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



164.1100, 12.7638, -80.7805



239.0670, 4.8970, -30.7538



156.0400, -41.4317, -57.9171



118.2750, 2.8224, -18.6582



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.



164.1100, 12.7638, -80.7805



192.7630, 18.8508, -119.9412



137.1710, 33.9327, -57.1550



98.8960, 1.0373, -6.0478



114.0860, 15.7336, -100.0534



26.1820, 3.8543, -22.9616

Inverse Universe

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



113.8900, -12.7638, 80.7805



118.2370, -18.8508, 119.9412



140.8290, -33.9327, 57.1550



95.1040, -1.0373, 6.0478



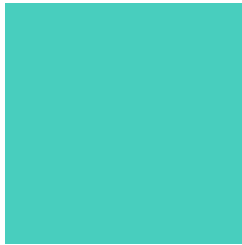
51.9140, -15.7336, 100.0534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 164.1100, 12.7638, -80.7805 looks on a white background.

Color Contrast Check

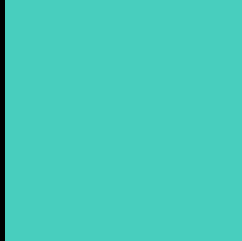
Large Text (above 18pt) WCAG AA × Fail

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 164.1100, 12.7638, -80.7805 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

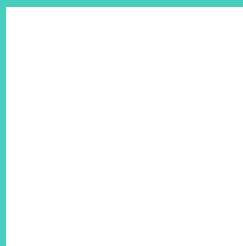
Any Text WCAG AAA ✓ Pass

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

YUV 164.1100, 12.7638, -80.7805 Background



This preview shows how black text looks on a background with the YUV color 164.1100, 12.7638, -80.7805.



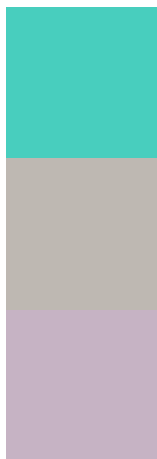
This preview shows how white text looks on a background with the YUV color 164.1100, 12.7638, -80.7805.

-80.7805.

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

164.1100, 12.7638, -80.7805

Protanopia

185.1100, -3.5052, 4.2885

Deuteranopia

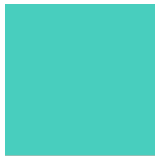
186.6190, 4.6248, 9.9811



Tritanopia

168.8410, 24.2354, -73.5286

Trichromacy



Original Color

164.1100, 12.7638, -80.7805



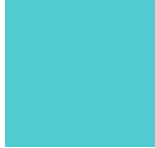
Protanomaly

177.4050, 2.2653, -26.6652



Deuteranomaly

178.5070, 7.6380, -23.2466



Tritanomaly

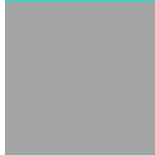
166.7930, 20.3151, -76.1175

Monochromacy



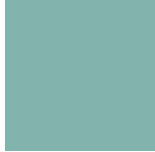
Original Color

164.1100, 12.7638, -80.7805



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9640, 4.4547, -28.9094

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1100, 12.7638, -80.7805 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(72, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(72, 206, 190)  
}
```

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(72, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 206, 190) }
```

Border

The CSS property to change the border of an element to YUV 164.1100, 12.7638, -80.7805 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(72, 206, 190) }
```


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

```
.border{ border-color:rgb(72, 206, 190) }
```

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

Here you see how a box with a 4 pixel rgb(72, 206, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(72, 206,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 164.1100, 12.7638, -80.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 206, 190) }
```

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

```
.background{ background-color: rgb(72, 206,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor