

Converting Colors

YUV(151.3060, 12.1741,
-78.3214)

Have a look what the booklet for
YUV(151.3060, 12.1741, -78.3214)
contains.

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Color

**YUV(151.3060, 12.1741,
-78.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC0B0
RGB	62, 192, 176
RGB Percent	24%, 75%, 69%
CMY	0.7569, 0.2471, 0.3098
CMYK	0.68, 0.00, 0.08, 0.25
HSL	173°, 51%, 50%
HSV	173°, 68%, 75%
XYZ	28.6727, 41.8580, 47.6425
YIQ	151.3060, -72.3440, -32.5360

Conversions

Conversions Part 2

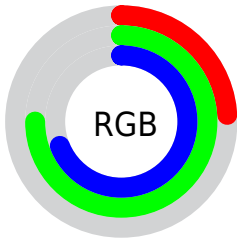
Format	Color
RYB	62, 131, 192
Decimal	4112560
CIELab	70.77, -38.69, -2.23
CIELCh	71, 38.749, 183.296
Yxy	41.8580, 0.2426, 0.3542
Android (android.graphics.Color)	4282302640 (0xFF3EC0B0)
YUV	151.3060, 12.1741, -78.3214
Hunter-Lab	64.6978, -34.1135, 1.6281

Details

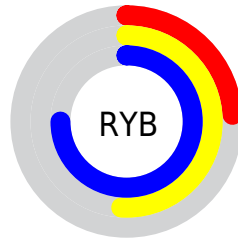
The YUV color **151.3060, 12.1741, -78.3214** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **102.6940, -12.1741, 78.3214**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2850, 10.7055, -73.9179**, and **95.1420, 14.2270, -83.4395** is the 20% darker color. If you saturate the color by 10%, you get **145.3970, 14.1013, -89.8022**, and if you desaturate by 10%, it is **157.2150, 10.2470, -66.8406**.

Distribution



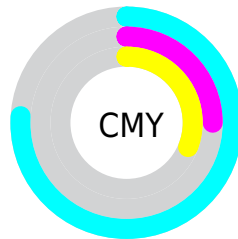
- Red (24%)
- Green (75%)
- Blue (69%)



- Red (24%)
- Yellow (51%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3060, 12.1741, -78.3214 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 151.3060, 12.1741, -78.3214 by changing the saturation by 10% instead.

■ 151.3060, 12.1741,
-78.3214

■ 151.3060, 12.1741,
-78.3214

■ 255.0000, 0.0000,
0.0000

■ 117.1410, 15.7065,
-91.3317

■ 210.2850, 10.7055,
-73.9179

■ 95.1420, 14.2270,
-83.4395

■ 225.3990, 14.5933,
-60.8629

■ 77.0300, 10.8312,
-67.5553

■ 234.3690, 10.1711,
-42.4196

■ 59.6190, 7.5828,
-52.2859

■ 243.3390, 5.7489,
-23.9763

■ 42.3220, 4.7713,
-37.1164

■ 252.3090, 1.3267,
-5.5330

■ 27.6010, 1.6757,
-24.2061

■ 4.4340, 1.7580,

-3.8886

■ 0.0000, 0.0000,
0.0000

■ 151.3060, 12.1741,
-78.3214

■ 151.3060, 12.1741,
-78.3214

■ 145.3970, 14.1013,
-89.8022

■ 157.2150, 10.2470,
-66.8406

■ 139.3740, 15.5916,
-101.1830

■ 163.2380, 8.7567,
-55.4597

■ 133.1660, 17.6662,
-113.2786

■ 169.4460, 6.6821,
-43.3641

■ 131.8560, 17.8190,
-115.6377

■ 175.3550, 4.7550,
-31.8833

■ 181.3780, 3.2646,
-20.5025

■ 187.2870, 1.3375,
-9.0217

■ 193.3100, -0.1528,
2.3591

■ 199.5180, -2.2274,
14.4547

■ 205.4270, -4.1545,
25.9355

Harmonies

Analogous

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



160.3910, -10.0528, -42.4389



151.3060, 12.1741, -78.3214



136.4700, 36.7433, -118.8072

Triad

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



151.3060, 12.1741, -78.3214



176.5470, 27.3383, 4.7823



172.9520, -30.5423, 43.0151

Complementary

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



151.3060, 12.1741, -78.3214



102.6940, -12.1741, 78.3214

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.



174.4280, -18.9450, 56.6296



151.3060, 12.1741, -78.3214



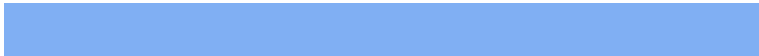
178.0860, 13.2686, 37.6356

Square

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



151.3060, 12.1741, -78.3214



168.6990, 36.6304, -35.6930



176.9560, -2.9363, 55.2896



170.2990, -33.6714, 19.9088

Rectangle

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



151.3060, 12.1741, -78.3214



148.1230, 39.8724, -95.7009



176.9560, -2.9363, 55.2896



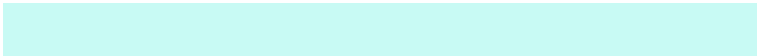
173.7940, -27.5064, 49.2927

Sweetspot

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



151.3060, 12.1741, -78.3214



234.3660, 4.7496, -30.1390



143.3930, -40.1267, -56.4727



115.5740, 2.6750, -18.0434



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.3060, 12.1741, -78.3214



186.4530, 19.0037, -122.3003



124.9540, 33.0537, -55.2107



93.8960, 1.0373, -6.0478



110.5810, 14.9966, -96.9795



22.6770, 3.1172, -19.8877

Inverse Universe

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



102.6940, -12.1741, 78.3214



110.5470, -19.0037, 122.3003



129.0460, -33.0537, 55.2107



90.1040, -1.0373, 6.0478



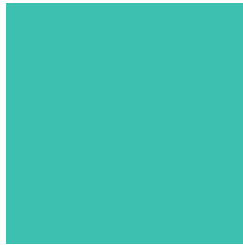
50.4190, -14.9966, 96.9795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 151.3060, 12.1741, -78.3214 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 151.3060, 12.1741, -78.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

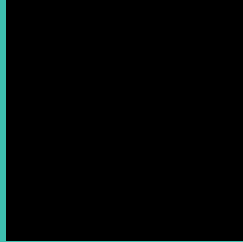
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

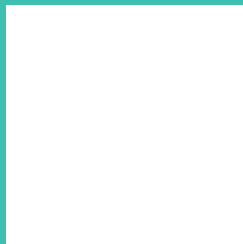
Any Text WCAG AAA ✓ Pass

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

YUV 151.3060, 12.1741, -78.3214 Background



This preview shows how black text looks on a background with the YUV color 151.3060, 12.1741, -78.3214.



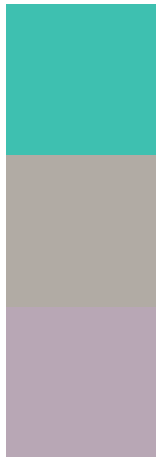
This preview shows how white text looks on a background with the YUV color 151.3060, 12.1741, -78.3214.

-78.3214.

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

151.3060, 12.1741, -78.3214

Protanopia

171.9960, -3.9420, 4.3885

Deuteranopia

173.6790, 3.6093, 9.0515



Tritanopia

155.9230, 23.2090, -70.9695

Trichromacy



Original Color

151.3060, 12.1741, -78.3214



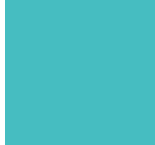
Protanomaly

164.5900, 1.6811, -25.9504



Deuteranomaly

165.5780, 6.6170, -22.4319



Tritanomaly

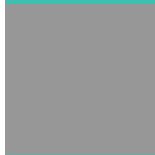
153.8750, 19.2886, -73.5584

Monochromacy



Original Color

151.3060, 12.1741, -78.3214



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.2630, 4.3073, -28.2947

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3060, 12.1741, -78.3214 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(62, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(62, 192, 176)  
}
```

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(62, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 192, 176) }
```

Border

The CSS property to change the border of an element to YUV 151.3060, 12.1741, -78.3214 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(62, 192, 176) }
```


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

```
.border{ border-color:rgb(62, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(62, 192,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 151.3060, 12.1741, -78.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 192, 176) }
```

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

```
.background{ background-color: rgb(62, 192,  
176) }
```

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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