

Converting Colors

YUV(144.2010, -12.4241,
-122.0793)

Have a look what the booklet for
YUV(144.2010, -12.4241, -122.0793)
contains.

YUV(144.2010, -12.4241, -122.0793)	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(144.2010, -12.4241,
-122.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	05DC77
RGB	5, 220, 119
RGB Percent	2%, 86%, 47%
CMY	0.9804, 0.1373, 0.5333
CMYK	0.98, 0.00, 0.46, 0.14
HSL	152°, 96%, 44%
HSV	152°, 98%, 86%
XYZ	28.9856, 52.5506, 26.0683
YIQ	144.2010, -95.7190, -76.9910

Conversions

Conversions Part 2

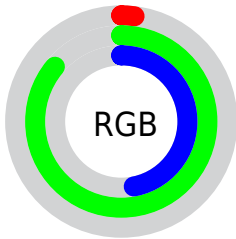
Format	Color
RYB	5, 146, 220
Decimal	384119
CIELab	77.61, -66.94, 37.21
CIELCh	78, 76.581, 150.932
Yxy	52.5506, 0.2694, 0.4884
Android (android.graphics.Color)	4278574199 (0xFF05DC77)
YUV	144.2010, -12.4241, -122.0793
Hunter-Lab	72.4918, -55.4881, 29.4233

Details

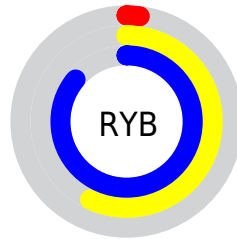
The YUV color **144.2010, -12.4241, -122.0793** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **80.7990, 12.4241, 122.0793**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2860, -14.4380, -82.6888**, and **103.4330, -17.4685, -90.7107** is the 20% darker color. If you saturate the color by 10%, you get **142.4780, -12.5607, -124.9532**, and if you desaturate by 10%, it is **151.9190, -11.2991, -109.5540**.

Distribution



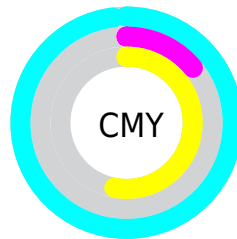
- Red (2%)
- Green (86%)
- Blue (47%)



- Red (2%)
- Yellow (57%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2010, -12.4241, -122.0793 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 144.2010, -12.4241, -122.0793 by changing the saturation by 10% instead.

■ 144.2010,
-12.4241, -122.0793

■ 144.2010,
-12.4241, -122.0793

■ 255.0000, 0.0000,
0.0000

■ 122.7190,
-14.6515, -107.6246

■ 201.2860,
-14.4380, -82.6888

■ 103.4330,
-17.4685, -90.7107

■ 214.3450, -7.0721,
-65.2006

■ 84.8480, -20.1381,
-74.4117

■ 227.2190, 0.8780,
-48.4271

■ 66.0350, -23.6813,
-57.9127

■ 239.4520, 7.6652,
-31.9684

■ 48.7210, -24.0195,
-42.7283

■ 248.7210, 3.0955,
-12.9103

■ 34.6330, -17.0741,
-30.3731

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 144.2010,
-12.4241, -122.0793

■ 144.2010,
-12.4241, -122.0793

■ 142.4780,
-12.5607, -124.9532

■ 151.9190,
-11.2991, -109.5540

■ 159.7510, -9.7372,
-97.1286

■ 167.4690, -8.6122,
-84.6033

■ 175.1870, -7.4872,
-72.0780

■ 183.0190, -5.9254,
-59.6527

■ 190.7370, -4.8003,
-47.1273

■ 198.4550, -3.6753,
-34.6020

■ 206.2870, -2.1135,
-22.1767

■ 214.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



175.1130, -58.7227, -18.5161



144.2010, -12.4241, -122.0793



153.9630, 18.7522, -135.0256

Triad

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



144.2010, -12.4241, -122.0793



145.8830, 53.7947, -127.9394



168.3380, -22.3516, 76.0026

Complementary

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



144.2010, -12.4241, -122.0793



80.7990, 12.4241, 122.0793

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.



169.8610, 11.4075, 74.6669



144.2010, -12.4241, -122.0793



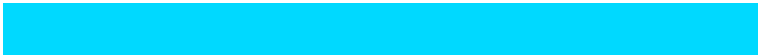
188.0400, 33.0113, 5.2269

Square

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



144.2010, -12.4241, -122.0793



156.4490, 48.5856, -137.2058



187.4950, 33.2800, 59.2019



178.5210, -56.9519, 67.0721

Rectangle

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



144.2010, -12.4241, -122.0793



159.5490, 40.1553, -139.9245



187.4950, 33.2800, 59.2019



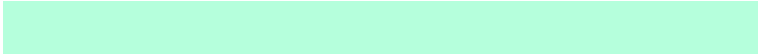
166.7370, -10.7163, 77.4067

Sweetspot

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



144.2010, -12.4241, -122.0793



228.8840, -4.3798, -41.9943



162.3010, -77.5494, -46.7450



112.1510, -2.5394, -25.5654



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.



144.2010, -12.4241, -122.0793



165.0750, -14.8270, -144.7708



153.3670, 32.8501, -130.1179



106.0270, -0.9993, -6.1627



112.0390, -9.8792, -98.2582



29.7380, -2.8288, -26.0802

Inverse Universe

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



80.7990, 12.4241, 122.0793



89.9250, 14.8270, 144.7708



71.6330, -32.8501, 130.1179



102.8590, 0.5625, 6.2627



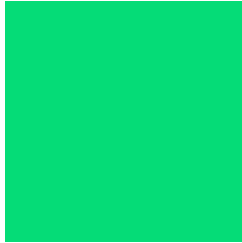
60.9610, 9.8792, 98.2582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 144.2010, -12.4241, -122.0793 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 144.2010, -12.4241, -122.0793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

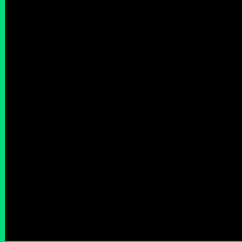
Any Text WCAG AA ✓ Pass

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 144.2010, -12.4241, -122.0793 Background



This preview shows how black text looks on a background with the YUV color 144.2010, -12.4241, -122.0793.

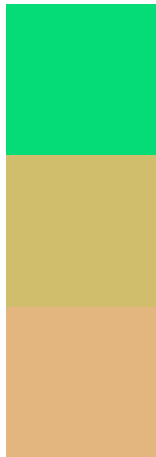


This preview shows how white text looks on a background with the YUV color 144.2010, -12.4241, -122.0793.

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

144.2010, -12.4241, -122.0793

Protanopia

186.3330, -38.6182, 19.8790

Deuteranopia

189.2990, -30.2204, 33.0638



Tritanopia

172.5630, 25.8514, -78.5468

Trichromacy



Original Color

144.2010, -12.4241, -122.0793



Protanomaly

171.1200, -29.1462, -31.6772



Deuteranomaly

172.9560, -23.6423, -23.6404



Tritanomaly

162.0930, 11.7862, -93.9206

Monochromacy



Original Color

144.2010, -12.4241, -122.0793



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.1610, -4.5164, -44.8682

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2010, -12.4241, -122.0793 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(5, 220, 119)` looks like.

```
.text, #text, p{  
    color:rgb(5, 220, 119)  
}
```

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(5, 220, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 220, 119) }
```

Border

The CSS property to change the border of an element to YUV 144.2010, -12.4241, -122.0793 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(5, 220, 119) }
```


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

```
.border{ border-color:rgb(5, 220, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 220, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 220, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 220, 119);  
box-shadow:4px 4px 4px 4px rgb(5, 220,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 144.2010, -12.4241, -122.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 220, 119) }
```

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

```
.background{ background-color: rgb(5, 220,  
119) }
```

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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