

Converting Colors

YUV(151.6290, -21.5091,
-101.4066)

Have a look what the booklet for
YUV(151.6290, -21.5091, -101.4066)
contains.

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Color

**YUV(151.6290, -21.5091,
-101.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	24DB6C
RGB	36, 219, 108
RGB Percent	14%, 86%, 42%
CMY	0.8588, 0.1412, 0.5765
CMYK	0.84, 0.00, 0.51, 0.14
HSL	144°, 72%, 50%
HSV	144°, 84%, 86%
XYZ	28.7658, 52.1208, 22.7316
YIQ	151.6290, -73.4370, -73.3170

Conversions

Conversions Part 2

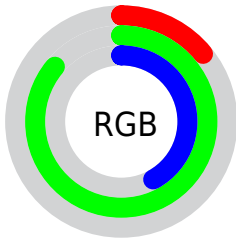
Format	Color
RYB	36, 167, 219
Decimal	2415468
CIELab	77.35, -66.69, 42.31
CIELCh	77, 78.974, 147.607
Yxy	52.1208, 0.2776, 0.5030
Android (android.graphics.Color)	4280605548 (0xFF24DB6C)
YUV	151.6290, -21.5091, -101.4066
Hunter-Lab	72.1947, -55.2179, 31.8680

Details

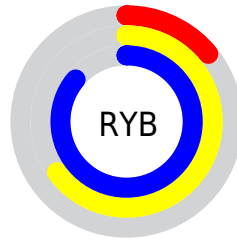
The YUV color **151.6290, -21.5091, -101.4066** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **103.3710, 21.5091, 101.4066**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4240, -20.4220, -76.6708**, and **101.5920, -21.9839, -89.0962** is the 20% darker color. If you saturate the color by 10%, you get **143.5690, -23.9445, -113.6320**, and if you desaturate by 10%, it is **159.6890, -19.0737, -89.1813**.

Distribution



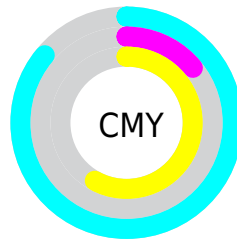
- Red (14%)
- Green (86%)
- Blue (42%)



- Red (14%)
- Yellow (65%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6290, -21.5091, -101.4066 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 151.6290, -21.5091, -101.4066 by changing the saturation by 10% instead.

■ 151.6290,
-21.5091, -101.4066

■ 151.6290,
-21.5091, -101.4066

■ 255.0000, 0.0000,
0.0000

■ 120.8780,
-19.1669, -106.0100

■ 202.4240,
-20.4220, -76.6708

■ 101.5920,
-21.9839, -89.0962

■ 215.1840,
-12.9087, -59.7974

■ 82.7790, -25.5270,
-72.5972

■ 227.9440, -5.3954,
-42.9239

■ 63.3960, -31.2542,
-55.5983

■ 240.5190, 2.7021,
-26.7652

■ 48.1340, -23.7301,
-42.2135

■ 250.8140, 2.0637,
-8.6069

■ 34.0460, -16.7847,
-29.8583

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 151.6290,
-21.5091, -101.4066

■ 151.6290,
-21.5091, -101.4066

■ 143.5690,
-23.9445, -113.6320

■ 159.6890,
-19.0737, -89.1813

■ 138.3570,
-25.8120, -121.3391

■ 167.8630,
-16.2015, -77.0559

■ 175.9230,
-13.7660, -64.8305

■ 183.9830,
-11.3306, -52.6051

■ 192.0430, -8.8952,
-40.3797

■ 199.9180, -5.8756,
-28.8691

■ 207.9780, -3.4402,
-16.6437

■ 216.0380, -1.0047,
-4.4183

■ 224.2120, 1.8675,
7.7071

Harmonies

Analogous

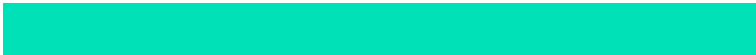
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.1370, -65.1435, -12.3981



151.6290, -21.5091, -101.4066



152.9370, 14.8211, -134.1257

Triad

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



151.6290, -21.5091, -101.4066



147.0570, 53.2159, -128.9690



165.3860, -18.4313, 78.5915

Complementary

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



151.6290, -21.5091, -101.4066



103.3710, 21.5091, 101.4066

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.



168.3110, 15.6227, 76.0263



151.6290, -21.5091, -101.4066



184.4300, 34.7910, -5.6391

Square

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



151.6290, -21.5091, -101.4066



157.0360, 48.2963, -137.7206



188.0820, 32.9906, 58.6871



175.1130, -54.7787, 70.0609

Rectangle

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



151.6290, -21.5091, -101.4066



158.6370, 36.6610, -139.1246



188.0820, 32.9906, 58.6871



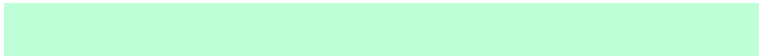
163.8990, -6.3592, 79.8956

Sweetspot

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



151.6290, -21.5091, -101.4066



231.4180, -7.6011, -35.4466



177.2080, -69.6155, -24.7384



113.6030, -4.7343, -21.5768



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.



151.6290, -21.5091, -101.4066



161.0850, -30.1149, -141.2715



161.8890, 17.8027, -110.4047



105.9130, -1.4361, -6.0627



109.3030, -20.3624, -95.8587



29.0540, -5.4496, -25.4804

Inverse Universe

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



103.3710, 21.5091, 101.4066



93.9150, 30.1149, 141.2715



93.1110, -17.8027, 110.4047



102.9730, 0.9993, 6.1627



63.6970, 20.3624, 95.8587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 151.6290, -21.5091, -101.4066 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 151.6290, -21.5091, -101.4066 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 151.6290, -21.5091, -101.4066 Background



This preview shows how black text looks on a background with the YUV color 151.6290, -21.5091, -101.4066.



This preview shows how white text looks on a background with the YUV color 151.6290, -21.5091, -101.4066.

-101.4066.

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

151.6290, -21.5091, -101.4066

Protanopia

184.6060, -42.6968, 21.3935

Deuteranopia

188.1700, -34.5938, 35.8079



Tritanopia

173.2540, 24.5248, -73.0138

Trichromacy



Original Color

151.6290, -21.5091, -101.4066



Protanomaly

172.6820, -34.8462, -23.4001



Deuteranomaly

175.0020, -30.0740, -14.0338



Tritanomaly

165.4210, 7.6804, -83.6842

Monochromacy



Original Color

151.6290, -21.5091, -101.4066



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.7060, -7.7431, -36.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6290, -21.5091, -101.4066 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(36, 219, 108)` looks like.

```
.text, #text, p{  
    color:rgb(36, 219, 108)  
}
```

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(36, 219, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 219, 108) }
```

Border

The CSS property to change the border of an element to YUV 151.6290, -21.5091, -101.4066 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(36, 219, 108) }
```


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

```
.border{ border-color:rgb(36, 219, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 219, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 219, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 219, 108);  
box-shadow:4px 4px 4px 4px rgb(36, 219,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 151.6290, -21.5091, -101.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 219, 108) }
```

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

```
.background{ background-color: rgb(36, 219,  
108) }
```

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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