

Converting Colors

YUV(150.3210, -27.7663,
-101.1365)

Have a look what the booklet for
YUV(150.3210, -27.7663, -101.1365)
contains.

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Color

**YUV(150.3210, -27.7663,
-101.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	23DC5E
RGB	35, 220, 94
RGB Percent	14%, 86%, 37%
CMY	0.8627, 0.1373, 0.6314
CMYK	0.84, 0.00, 0.57, 0.14
HSL	139°, 73%, 50%
HSV	139°, 84%, 86%
XYZ	28.3067, 52.3519, 19.2027
YIQ	150.3210, -69.8140, -78.4060

Conversions

Conversions Part 2

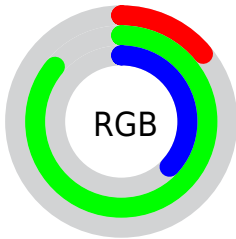
Format	Color
RYB	35, 175, 220
Decimal	2350174
CIELab	77.49, -69.07, 49.03
CIELCh	77, 84.708, 144.631
Yxy	52.3519, 0.2835, 0.5242
Android (android.graphics.Color)	4280540254 (0xFF23DC5E)
YUV	150.3210, -27.7663, -101.1365
Hunter-Lab	72.3546, -56.7874, 34.9128

Details

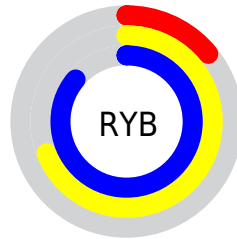
The YUV color **150.3210, -27.7663, -101.1365** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **104.6790, 27.7663, 101.1365**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2410, -26.2478, -74.7564**, and **100.3550, -29.2620, -88.0113** is the 20% darker color. If you saturate the color by 10%, you get **142.0330, -31.0753, -113.1619**, and if you desaturate by 10%, it is **158.6090, -24.4572, -89.1111**.

Distribution



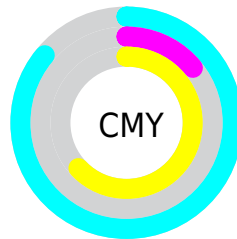
- Red (14%)
- Green (86%)
- Blue (37%)



- Red (14%)
- Yellow (69%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (57%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3210, -27.7663, -101.1365 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 150.3210, -27.7663, -101.1365 by changing the saturation by 10% instead.

■ 150.3210,
-27.7663, -101.1365

■ 150.3210,
-27.7663, -101.1365

■ 255.0000, 0.0000,
0.0000

■ 119.8690,
-25.5714, -105.1251

■ 201.2410,
-26.2478, -74.7564

■ 100.3550,
-29.2620, -88.0113

■ 213.8870,
-19.1713, -57.7829

■ 80.5160, -36.7364,
-70.6125

■ 226.3480,
-11.5106, -41.5242

■ 63.9830, -31.5436,
-56.1131

■ 238.9230, -3.4130,
-25.3655

■ 48.7210, -24.0195,
-42.7283

■ 251.1130, 1.9163,
-7.9921

■ 34.6330, -17.0741,
-30.3731

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 150.3210,
-27.7663, -101.1365

■ 150.3210,
-27.7663, -101.1365

■ 142.0330,
-31.0753, -113.1619

■ 158.6090,
-24.4572, -89.1111

■ 137.1200,
-33.0902, -120.2542

■ 166.8970,
-21.1482, -77.0857

■ 175.1850,
-17.8392, -65.0602


■ 183.4730,
-14.5302, -53.0348

■ 191.7610,
-11.2212, -41.0094

 200.0490, -7.9122,
-28.9840

 208.3370, -4.6031,
-16.9585

 216.6250, -1.2941,
-4.9331

 224.9130, 2.0149,
7.0923

Harmonies

Analogous

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



170.5560, -84.0841, -3.9956



150.3210, -27.7663, -101.1365



152.4980, 10.6005, -133.7407

Triad

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



150.3210, -27.7663, -101.1365



149.4050, 52.0583, -131.0282



159.8580, -14.2270, 83.4395

Complementary

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



150.3210, -27.7663, -101.1365



104.6790, 27.7663, 101.1365

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.



164.6410, 21.8690, 79.2448



150.3210, -27.7663, -101.1365



180.8090, 36.5762, -18.2495

Square

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



150.3210, -27.7663, -101.1365



158.7970, 47.4281, -139.2650



186.9080, 33.5694, 59.7167



171.1350, -54.7896, 73.5496

Rectangle

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



150.3210, -27.7663, -101.1365



159.9420, 34.0456, -140.2691



186.9080, 33.5694, 59.7167



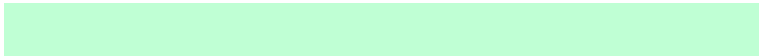
158.5990, -1.2813, 84.5437

Sweetspot

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



150.3210, -27.7663, -101.1365



230.9620, -9.3483, -35.0467



181.2690, -72.1106, -17.7759



113.2610, -6.0447, -21.2769



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.



150.3210, -27.7663, -101.1365



158.9190, -38.4141, -139.3720



160.8090, 12.4192, -110.3345



105.7990, -1.8729, -5.9627



107.8210, -26.0408, -94.5590



28.7120, -6.7600, -25.1804

Inverse Universe

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



104.6790, 27.7663, 101.1365



96.0810, 38.4141, 139.3720



94.1910, -12.4192, 110.3345



103.0870, 1.4361, 6.0627



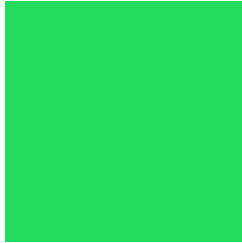
65.1790, 26.0408, 94.5590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 150.3210, -27.7663, -101.1365 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 150.3210, -27.7663, -101.1365 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 150.3210, -27.7663, -101.1365 Background



This preview shows how black text looks on a background with the YUV color 150.3210, -27.7663, -101.1365.



This preview shows how white text looks on a background with the YUV color 150.3210, -27.7663, -101.1365.

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

150.3210, -27.7663, -101.1365

Protanopia

184.3090, -48.9593, 23.4080

Deuteranopia

187.5850, -40.7144, 38.9520



Tritanopia

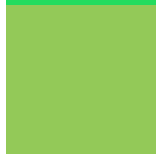
174.4390, 23.9406, -72.2990

Trichromacy



Original Color

150.3210, -27.7663, -101.1365



Protanomaly

171.9720, -41.3982, -21.9004



Deuteranomaly

173.8190, -35.8998, -12.1193



Tritanomaly

165.7370, 5.0597, -83.0843

Monochromacy



Original Color

150.3210, -27.7663, -101.1365



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8370, -9.7796, -36.6910

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3210, -27.7663, -101.1365 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(35, 220, 94)` looks like.

```
.text, #text, p{  
    color:rgb(35, 220, 94)  
}
```

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(35, 220, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 220, 94) }
```

Border

The CSS property to change the border of an element to YUV 150.3210, -27.7663, -101.1365 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(35, 220, 94) }
```


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

```
.border{ border-color:rgb(35, 220, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 220, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 220, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 220, 94);  
box-shadow:4px 4px 4px 4px rgb(35, 220,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 150.3210, -27.7663, -101.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 220, 94) }
```

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

```
.background{ background-color: rgb(35, 220,  
94) }
```

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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