

Converting Colors

YUV(142.8140, -25.5443,
-113.8469)

Have a look what the booklet for
YUV(142.8140, -25.5443, -113.8469)
contains.

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Color

**YUV(142.8140, -25.5443,
-113.8469)**

Conversions

Conversions Part 1

Format	Color
Hex	0DDB5B
RGB	13, 219, 91
RGB Percent	5%, 86%, 36%
CMY	0.9490, 0.1412, 0.6431
CMYK	0.94, 0.00, 0.58, 0.14
HSL	143°, 89%, 45%
HSV	143°, 94%, 86%
XYZ	27.3858, 51.5039, 18.3954
YIQ	142.8140, -81.6880, -83.4800

Conversions

Conversions Part 2

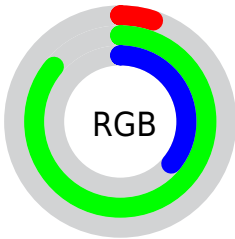
Format	Color
RYB	13, 162, 219
Decimal	908123
CIELab	76.98, -70.55, 49.75
CIELCh	77, 86.327, 144.808
Yxy	51.5039, 0.2815, 0.5294
Android (android.graphics.Color)	4279098203 (0xFF0DDB5B)
YUV	142.8140, -25.5443, -113.8469
Hunter-Lab	71.7662, -57.4757, 35.0389

Details

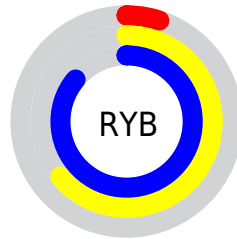
The YUV color **142.8140, -25.5443, -113.8469** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **89.1860, 25.5443, 113.8469**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8060, -26.5264, -78.7599**, and **99.3120, -30.7198, -87.0966** is the 20% darker color. If you saturate the color by 10%, you get **138.0150, -27.1224, -121.0392**, and if you desaturate by 10%, it is **150.9880, -22.6721, -101.7215**.

Distribution



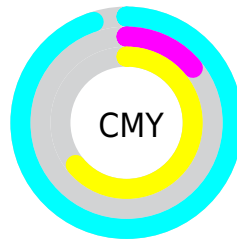
- Red (5%)
- Green (86%)
- Blue (36%)



- Red (5%)
- Yellow (64%)
- Blue (86%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)
- Black (14%)



- Cyan (95%)
- Magenta (14%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8140, -25.5443, -113.8469 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 142.8140, -25.5443, -113.8469 by changing the saturation by 10% instead.

■ 142.8140,
-25.5443, -113.8469

■ 142.8140,
-25.5443, -113.8469

255.0000, 0.0000,
0.0000

■ 118.9400,
-26.5924, -104.3104

■ 198.8060,
-26.5264, -78.7599

■ 99.3120, -30.7198,
-87.0966

■ 211.7510,
-19.5972, -61.1716

■ 79.2450, -39.0678,
-69.4979

■ 224.5110,
-12.0839, -44.2981

■ 63.3960, -31.2542,
-55.5983

■ 237.0860, -3.9864,
-28.1394

■ 48.1340, -23.7301,
-42.2135

■ 249.3190, 2.8007,
-11.6808

■ 34.0460, -16.7847,
-29.8583

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 142.8140,
-25.5443, -113.8469

■ 142.8140,
-25.5443, -113.8469

■ 138.0150,
-27.1224, -121.0392

■ 150.9880,
-22.6721, -101.7215

■ 159.0480,
-20.2367, -89.4961

■ 167.2220,
-17.3644, -77.3707

■ 175.2820,
-14.9290, -65.1453

■ 183.4560,
-12.0568, -53.0199

■ 191.3310, -9.0372,
-41.5093

■ 199.3910, -6.6018,
-29.2839

■ 207.5650, -3.7295,
-17.1585

■ 215.6250, -1.2941,
-4.9331

Harmonies

Analogous

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



169.0720, -83.3525, -5.3251



142.8140, -25.5443, -113.8469



151.7970, 10.4531, -133.1260

Triad

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



142.8140, -25.5443, -113.8469



148.8180, 52.3477, -130.5134



157.1680, -14.3798, 85.7987

Complementary

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



142.8140, -25.5443, -113.8469



89.1860, 25.5443, 113.8469

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.



162.1790, 22.5898, 81.4040



142.8140, -25.5443, -113.8469



179.0370, 37.4498, -18.4494

Square

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



142.8140, -25.5443, -113.8469



158.2100, 47.7175, -138.7502



185.1470, 34.4375, 61.2611



169.3910, -56.3948, 75.0791

Rectangle

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



142.8140, -25.5443, -113.8469



159.3550, 34.3350, -139.7543



185.1470, 34.4375, 61.2611



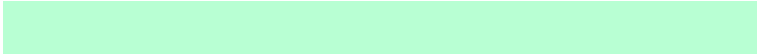
156.0230, -0.9973, 86.8028

Sweetspot

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



142.8140, -25.5443, -113.8469



228.7550, -8.7532, -39.2501



172.7920, -78.7775, -26.1276



111.7660, -5.3076, -24.3508



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.



142.8140, -25.5443, -113.8469



160.7430, -31.4253, -140.9716



154.3280, 18.5723, -123.9447



105.9130, -1.4361, -6.0627



109.0750, -21.2360, -95.6588



28.9400, -5.8864, -25.3804

Inverse Universe

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



89.1860, 25.5443, 113.8469



94.2570, 31.4253, 140.9716



77.6720, -18.5723, 123.9447



102.9730, 0.9993, 6.1627



64.0390, 21.6728, 95.5588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 142.8140, -25.5443, -113.8469 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 142.8140, -25.5443, -113.8469 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 142.8140, -25.5443, -113.8469 Background



This preview shows how black text looks on a background with the YUV color 142.8140, -25.5443, -113.8469.

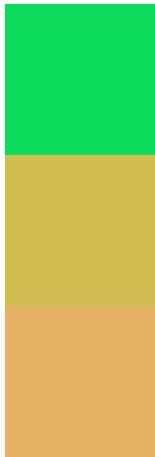


This preview shows how white text looks on a background with the YUV color 142.8140, -25.5443, -113.8469.

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

142.8140, -25.5443, -113.8469

Protanopia

182.7820, -49.6855, 22.9932

Deuteranopia

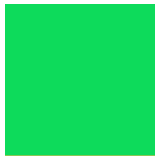
185.4710, -41.1512, 39.0519



Tritanopia

172.2430, 24.5302, -74.7581

Trichromacy



Original Color

142.8140, -25.5443, -113.8469



Protanomaly

168.3520, -41.0925, -26.6187



Deuteranomaly

170.1990, -35.5941, -16.8375



Tritanomaly

161.6330, 6.0969, -89.1321

Monochromacy



Original Color

142.8140, -25.5443, -113.8469



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

143.2170, -9.4740, -41.4093

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8140, -25.5443, -113.8469 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(13, 219, 91)` looks like.

```
.text, #text, p{  
    color:rgb(13, 219, 91)  
}
```

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(13, 219, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 219, 91) }
```

Border

The CSS property to change the border of an element to YUV 142.8140, -25.5443, -113.8469 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(13, 219, 91) }
```


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

```
.border{ border-color:rgb(13, 219, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 219, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 219, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 219, 91);  
box-shadow:4px 4px 4px 4px rgb(13, 219,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 142.8140, -25.5443, -113.8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 219, 91) }
```

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

```
.background{ background-color: rgb(13, 219,  
91) }
```

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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