

Converting Colors

YIQ(146.1290, -43.6310,
-95.8790)

Have a look what the booklet for
YIQ(146.1290, -43.6310, -95.8790)
contains.

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Color

**YIQ(146.1290, -43.6310,
-95.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	2DDC1F
RGB	45, 220, 31
RGB Percent	18%, 86%, 12%
CMY	0.8241, 0.1370, 0.8784
CMYK	0.80, 0.00, 0.86, 0.14
HSL	116°, 75%, 49%
HSV	116°, 86%, 86%
XYZ	26.9358, 51.8785, 9.8897
YIQ	146.1290, -43.6310, -95.8790

Conversions

Conversions Part 2

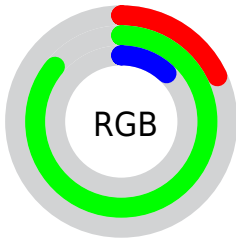
Format	Color
RYB	31, 220, 206
Decimal	3005471
CIELab	77.21, -73.34, 70.80
CIELCh	77, 101.936, 136.007
Yxy	51.8785, 0.3037, 0.5848
Android (android.graphics.Color)	4281195551 (0xFF2DDC1F)
YUV	146.1290, -56.7586, -88.6901
Hunter-Lab	72.0267, -59.2931, 42.2778

Details

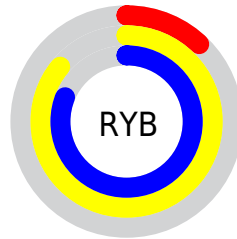
The YIQ color **146.1290, -43.6310, -95.8790** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **104.8710, 43.6310, 95.8790**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4060, -27.6330, -77.4330**, and **95.6810, -44.8250, -85.2490** is the 20% darker color. If you saturate the color by 10%, you get **137.3420, -49.0850, -107.1730**, and if you desaturate by 10%, it is **154.6170, -38.7730, -84.7970**.

Distribution



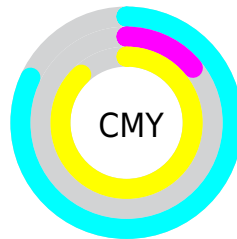
- Red (18%)
- Green (86%)
- Blue (12%)



- Red (12%)
- Yellow (86%)
- Blue (81%)



- Cyan (80%)
- Magenta (0%)
- Yellow (86%)
- Black (14%)



- Cyan (82%)
- Magenta (14%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1290, -43.6310, -95.8790 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 YIQ color 146.1290, -43.6310, -95.8790 by changing the saturation by 10% instead.

■ 146.1290,
-43.6310, -95.8790

■ 146.1290,
-43.6310, -95.8790

■ 255.0000, -0.0000,
-0.0000

■ 112.1170,
-52.5250, -99.8930

■ 197.4060,
-27.6330, -77.4330

■ 95.6810, -44.8250,
-85.2490

■ 210.2800,
-17.8700, -61.6300

■ 79.8320, -37.4000,
-71.1280

■ 223.1540, -8.1070,
-45.8270

■ 63.9830, -29.9750,
-57.0070

■ 235.6150, 1.3810,
-30.5470

■ 48.7210, -22.8250,
-43.4090

■ 248.6030, 10.8230,
-14.4330

■ 34.6330, -16.2250,
-30.8570

■ 253.4040, 4.4940,

■ 19.3710, -9.0750,

-4.3540

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 146.1290,
-43.6310, -95.8790

■ 146.1290,
-43.6310, -95.8790

■ 137.3420,
-49.0850, -107.1730

■ 154.6170,
-38.7730, -84.7970

■ 133.9240,
-50.9640, -111.6680

■ 163.4040,
-33.3190, -73.5030

■ 171.8920,
-28.4610, -62.4210

■ 180.3800,
-23.6030, -51.3390

■ 189.1670,
-18.1490, -40.0450

■ 197.6550,
-13.2910, -28.9630

■ 206.4420, -7.8370,
-17.6690

■ 214.9300, -2.9790,
-6.5870

■ 223.4180, 1.8790,
4.4950

Harmonies

Analogous

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



173.2910, 53.5180, -66.8500



146.1290, -43.6310, -95.8790



150.4970, -108.2360, -75.9160

Triad

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



146.1290, -43.6310, -95.8790



155.2750, -140.9800, -33.1400



135.6260, 85.3600, 60.9760

Complementary

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



146.1290, -43.6310, -95.8790



104.8710, 43.6310, 95.8790

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.



151.6250, 52.7110, 85.5030



146.1290, -43.6310, -95.8790



137.6650, -132.7300, -17.4500

Square

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



146.1290, -43.6310, -95.8790



162.9060, -144.5550, -39.9390



186.3210, 32.1750, 61.1910



154.3740, 101.4630, 5.9030

Rectangle

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



146.1290, -43.6310, -95.8790



159.3090, -130.2930, -56.1250



186.3210, 32.1750, 61.1910



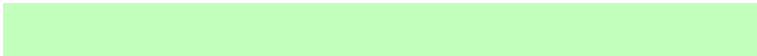
135.0510, 77.3340, 74.2780

Sweetspot

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



146.1290, -43.6310, -95.8790



229.2370, -15.1700, -33.4580



189.0620, 65.0690, -50.4110



112.3770, -9.2120, -20.2840



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.



146.1290, -43.6310, -95.8790



155.3660, -58.8010, -129.3370



150.9490, -77.3340, -74.2780



105.4570, -3.0250, -5.7530



105.4380, -39.8270, -87.7230



27.8990, -10.8620, -23.4220

Inverse Universe

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



104.8710, 43.6310, 95.8790



99.6340, 58.8010, 129.3370



100.0510, 77.3340, 74.2780



103.2440, 2.4290, 5.5410



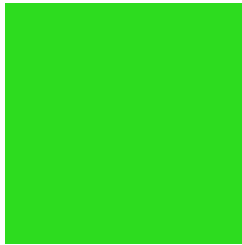
67.8610, 40.4230, 87.9350



18.1010, 10.8620, 23.4220

Previews

White Background



This preview shows how the YIQ color 146.1290, -43.6310, -95.8790 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 YIQ color 146.1290, -43.6310, -95.8790 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](#).

YIQ 146.1290, -43.6310, -95.8790 Background



This preview shows how black text looks on a background with the YIQ color 146.1290, -43.6310, -95.8790.



This preview shows how white text looks on a background with the YIQ color 146.1290, -43.6310, -95.8790.

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

146.1290, -43.6310, -95.8790

Protanopia

177.0240, 68.2320, -47.1600

Deuteranopia

182.2060, 74.3720, -26.2680



Tritanopia

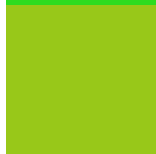
175.4290, -67.7160, -17.2840

Trichromacy



Original Color

146.1290, -43.6310, -95.8790



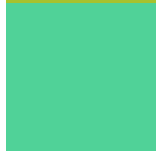
Protanomaly

165.6980, 27.5670, -64.6010



Deuteranomaly

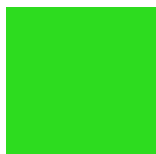
169.0550, 31.4160, -51.7520



Tritanomaly

164.5180, -58.8620, -45.5980

Monochromacy



Original Color

146.1290, -43.6310, -95.8790



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.9980, -15.9950, -35.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1290, -43.6310, -95.8790 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(45, 220, 31)` looks like.

```
.text, #text, p{  
    color:rgb(45, 220, 31)  
}
```

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(45, 220, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 220, 31) }
```

Border

The CSS property to change the border of an element to YIQ 146.1290, -43.6310, -95.8790 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(45, 220, 31) }
```


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

```
.border{ border-color:rgb(45, 220, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 220, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 220, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 220, 31);  
box-shadow:4px 4px 4px 4px rgb(45, 220,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1290, -43.6310, -95.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 220, 31) }
```

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

```
.background{ background-color: rgb(45, 220,  
31) }
```

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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