

Converting Colors

YIQ(30.5070, -15.6300,
-25.1180)

Have a look what the booklet for
YIQ(30.5070, -15.6300, -25.1180)
contains.

YIQ(30.5070, -15.6300, -25.1180)	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

**YIQ(30.5070, -15.6300,
-25.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	003305
RGB	0, 51, 5
RGB Percent	0%, 20%, 2%
CMY	1.0000, 0.7999, 0.9804
CMYK	1.00, 0.00, 0.90, 0.80
HSL	126°, 100%, 10%
HSV	126°, 100%, 20%
XYZ	1.2121, 2.3805, 0.5390
YIQ	30.5070, -15.6300, -25.1180

Conversions

Conversions Part 2

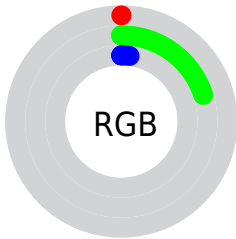
Format	Color
RYB	0, 46, 51
Decimal	13061
CIELab	17.37, -27.02, 22.24
CIElCh	17, 34.991, 140.541
Yxy	2.3805, 0.2934, 0.5762
Android (android.graphics.Color)	4278203141 (0xFF003305)
YUV	30.5070, -12.5750, -26.7546
Hunter-Lab	15.4287, -12.9769, 8.7289

Details

The YIQ color **30.5070, -15.6300, -25.1180** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20.4930, 15.6300, 25.1180**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.5890, -12.9250, -24.5810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.5070, -15.6300, -25.1180**, and if you desaturate by 10%, it is **32.5720, -14.2550, -22.5030**.

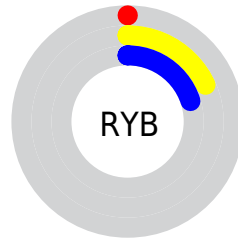
Distribution



Red (0%)

Green (20%)

Blue (2%)



Red (0%)

Yellow (18%)

Blue (20%)

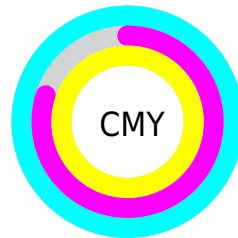


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (80%)



Cyan (100%)


Magenta (80%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 30.5070, -15.6300, -25.1180 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 30.5070, -15.6300, -25.1180 by changing the saturation by 10% instead.

 30.5070, -15.6300,
-25.1180


 30.5070, -15.6300,
-25.1180


 246.9960, -3.3450,
-10.9690


 18.7840, -8.8000,
-16.7360


 78.5890, -12.9250,
-24.5810

 0.0000, 0.0000,
0.0000

 103.3610,
-12.2830, -25.2030


 129.4210,
-12.5120, -26.5600


 155.3070,
-12.1910, -26.8710


 182.7800,
-12.1450, -27.7050


 210.3670,


-12.4200, -28.2280


 235.3180,
-10.7240, -25.9240


 30.5070, -15.6300,
-25.1180

 32.5720, -14.2550,
-22.5030

 34.5230, -12.5590,
-20.1990

 36.5880, -11.1840,
-17.5840

 38.5390, -9.4880,
-15.2800

 40.9030, -7.5170,
-12.4530

■ 42.9680, -6.1420,
-9.8380

■ 44.9190, -4.4460,
-7.5340

■ 46.9840, -3.0710,
-4.9190

■ 48.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



38.9510, 9.7230, -16.5250



30.5070, -15.6300, -25.1180



34.9870, -25.4890, -17.1450

Triad

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



30.5070, -15.6300, -25.1180



38.7780, -43.0530, 3.8190



37.5970, 38.4640, 18.7840

Complementary

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



30.5070, -15.6300, -25.1180



20.4930, 15.6300, 25.1180

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.



38.9630, 28.9260, 26.4460



30.5070, -15.6300, -25.1180



39.7200, -27.9700, 11.3100

Square

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



30.5070, -15.6300, -25.1180



39.7580, -40.3010, -2.0050



43.5350, 6.6440, 22.7720



39.1710, 39.0630, 2.4150

Rectangle

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



30.5070, -15.6300, -25.1180



37.5120, -31.2210, -12.3810



43.5350, 6.6440, 22.7720



36.7480, 36.7210, 22.8410

Sweetspot

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



30.5070, -15.6300, -25.1180



57.9680, -6.1420, -9.8380



43.9900, 13.9870, -16.7090



28.1580, -3.6210, -5.9650



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5070, -15.6300, -25.1180



39.4260, -20.0760, -32.6520



33.3570, -23.6550, -17.3430



24.7610, -0.8250, -1.5690



53.2690, -27.3640, -43.7480



129.7730, -66.4160, -106.9600

Inverse Universe

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



20.4930, 15.6300, 25.1180



26.5740, 20.0760, 32.6520



17.6430, 23.6550, 17.3430



24.1250, 1.1460, 1.2580



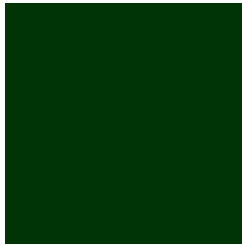
35.8450, 27.0430, 44.0590



87.2270, 66.4160, 106.9600

Previews

White Background



This preview shows how the YIQ color 30.5070, -15.6300, -25.1180 looks on a white background.

Color Contrast Check

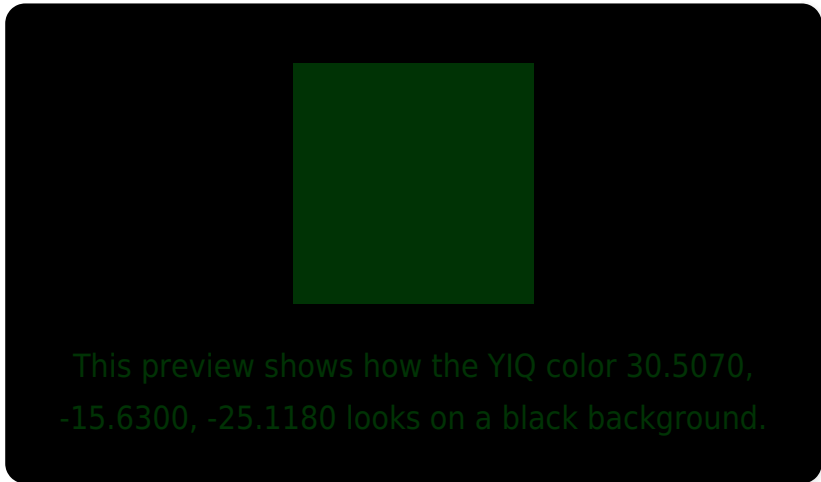
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

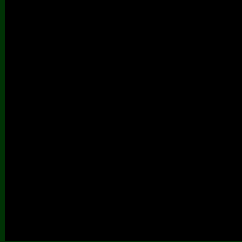
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 30.5070, -15.6300, -25.1180

Background



This preview shows how black text looks on a background with the YIQ color 30.5070, -15.6300, -25.1180.



This preview shows how white text looks on a background with the YIQ color 30.5070, -15.6300,

-25.1180.

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

30.5070, -15.6300, -25.1180

Protanopia

40.4790, 17.1040, -12.6240

Deuteranopia

41.8800, 17.6530, -6.0510



Tritanopia

39.6820, -16.7800, -4.2680

Trichromacy



Original Color

30.5070, -15.6300, -25.1180

Protanomaly

37.0860, 4.9090, -17.3870

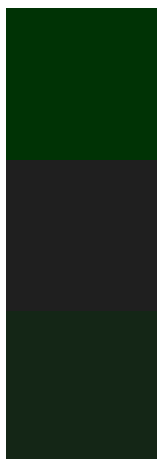
Deuteranomaly

37.9060, 5.5960, -13.3160

Tritanomaly

35.9390, -16.3660, -11.7740

Monochromacy



Original Color

30.5070, -15.6300, -25.1180

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.7940, -5.5920, -8.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5070, -15.6300, -25.1180 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(0, 51, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 5)  
}
```

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(0, 51, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 5) }
```

Border

The CSS property to change the border of an element to YIQ 30.5070, -15.6300, -25.1180 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(0, 51, 5) }
```


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

```
.border{ border-color:rgb(0, 51, 5) }
```

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

Here you see how a box with a 4 pixel rgb(0, 51, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 5); box-shadow:4px  
4px 4px 4px rgb(0, 51, 5) }
```

Background

The CSS property to change the background color of an element to YIQ 30.5070, -15.6300, -25.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 5) }
```

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

```
.background{ background-color: rgb(0, 51,  
5) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor