

Converting Colors

YIQ(30.3170, -67.4540, 55.0900)

Have a look what the booklet for
YIQ(30.3170, -67.4540, 55.0900)
contains.

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Color

**YIQ(30.3170, -67.4540,
55.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	000DC7
RGB	0, 13, 199
RGB Percent	0%, 5%, 78%
CMY	0.9997, 0.9490, 0.2200
CMYK	1.00, 0.93, 0.00, 0.22
HSL	236°, 100%, 39%
HSV	236°, 100%, 78%
XYZ	10.4409, 4.4068, 54.2692
YIQ	30.3170, -67.4540, 55.0900

Conversions

Conversions Part 2

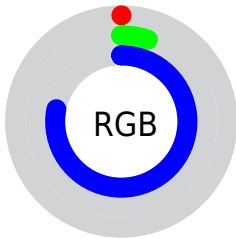
Format	Color
R_{YB}	0, 12, 199
Decimal	3527
CIE _{Lab}	24.97, 62.85, -87.93
CIE _{LCh}	25, 108.084, 305.558
Yxy	4.4068, 0.1511, 0.0638
Android (android.graphics.Color)	4278193607 (0xFF000DC7)
YUV	30.3170, 83.1607, -26.5880
Hunter-Lab	20.9923, 52.0433, -138.5814

Details

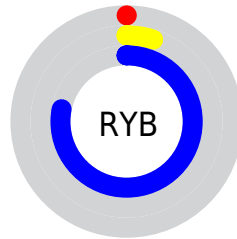
The YIQ color **30.3170, -67.4540, 55.0900** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **168.6830, 67.4540, -55.0900**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.0820, -38.5710, 65.7890**, and **16.3020, -45.9030, 44.4730** is the 20% darker color. If you saturate the color by 10%, you get **30.3170, -67.4540, 55.0900**, and if you desaturate by 10%, it is **47.4500, -60.7590, 49.3930**.

Distribution



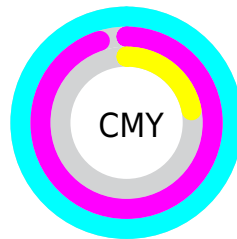
- Red (0%)
- Green (5%)
- Blue (78%)



- Red (0%)
- Yellow (5%)
- Blue (78%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (95%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.3170, -67.4540, 55.0900 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 30.3170, -67.4540, 55.0900 by changing the saturation by 10% instead.

■ 30.3170, -67.4540,
55.0900

■ 30.3170, -67.4540,
55.0900

■ 255.0000, -0.0000,
-0.0000

■ 19.4940, -54.8910,
53.1810

■ 100.0820,
-38.5710, 65.7890

■ 16.3020, -45.9030,
44.4730

■ 125.5100,
-25.4570, 59.3990

■ 13.2240, -37.2360,
36.0760

■ 150.9270,
-13.8100, 52.0620

■ 18.0050, -32.7860,
21.5020

■ 175.4580, -2.4840,
45.0360

■ 11.6330, -23.1110,
16.8650

■ 201.1630, 8.2920,
36.9640

■ 6.6630, -14.6280,
11.8040

■ 224.4760, 14.3000,


■ 2.9810, -7.0160,


27.1960


6.0080


 241.4990, 6.3250,
12.0290


 0.0000, 0.0000,
0.0000


 30.3170, -67.4540,
55.0900

 47.4500, -60.7590,
49.3930

 63.9960, -53.7890,
44.2190

 81.1290, -47.0940,
38.5220

 97.6750, -40.1240,
33.3480

 114.8080,
-33.4290, 27.6510

■ 131.6420,
-27.3300, 21.7420

■ 148.1880,
-20.3600, 16.5680

■ 165.3210,
-13.6650, 10.8710

■ 181.8670, -6.6950,
5.6970

Harmonies

Analogous

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



69.2990, -94.5470, 33.9730



30.3170, -67.4540, 55.0900



61.9480, 52.7590, 73.6150

Triad

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



30.3170, -67.4540, 55.0900



42.0600, 70.8330, 21.3690



57.1570, -46.5790, -20.3950

Complementary

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



30.3170, -67.4540, 55.0900



168.6830, 67.4540, -55.0900

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.



46.9600, -22.0000, -41.8400



30.3170, -67.4540, 55.0900



54.3340, 18.7100, -19.7060

Square

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



30.3170, -67.4540, 55.0900



49.9330, 99.5320, 35.4040



44.6120, -20.9000, -39.7480



67.6790, -73.4510, 4.0610

Rectangle

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



30.3170, -67.4540, 55.0900



63.0820, 84.0760, 62.2200



44.6120, -20.9000, -39.7480



53.2640, -36.9950, -28.8910

Sweetspot

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



30.3170, -67.4540, 55.0900



190.0120, -25.4960, 21.5440



138.0170, -114.4310, -46.2310



89.0050, -15.5910, 12.7370



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.



30.3170, -67.4540, 55.0900



39.0490, -86.5300, 70.4140



48.4000, -12.6230, 80.1210



91.0260, -2.8890, 2.7990



25.0390, -55.3480, 44.9400



5.2780, -12.1060, 10.1500

Inverse Universe

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



60.9830, 114.4310, 46.2310



78.1830, 146.5230, 59.3470



150.6000, 12.6230, -80.1210



92.6910, 5.3640, 1.9080



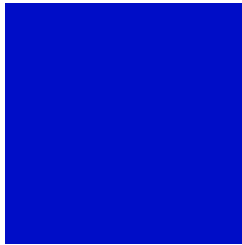
49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 30.3170, -67.4540, 55.0900 looks on a white background.

Color Contrast Check

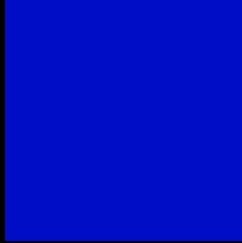
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 30.3170, -67.4540, 55.0900 looks on a 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 30.3170, -67.4540, 55.0900

Background



This preview shows how black text looks on a background with the YIQ color 30.3170, -67.4540, 55.0900.



This preview shows how white text looks on a background with the YIQ color 30.3170, -67.4540,

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

30.3170, -67.4540, 55.0900

Protanopia

48.6550, -55.7080, 7.3960

Deuteranopia

48.8370, -50.7090, -0.6050



Tritanopia

48.0100, -41.4910, -13.4830

Trichromacy



Original Color

30.3170, -67.4540, 55.0900

Protanomaly

41.8680, -60.0210, 24.9950

Deuteranomaly

42.2610, -56.9940, 19.6940

Tritanomaly

41.6280, -51.0780, 11.5940

Monochromacy



Original Color

30.3170, -67.4540, 55.0900

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.1430, -24.4870, 19.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.3170, -67.4540, 55.0900 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, 13, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 199)  
}
```

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, 13, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 199) }
```

Border

The CSS property to change the border of an element to YIQ 30.3170, -67.4540, 55.0900 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, 13, 199) }
```


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

```
.border{ border-color:rgb(0, 13, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 199)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.3170, -67.4540, 55.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 199) }
```

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

```
.background{ background-color: rgb(0, 13,  
199) }
```

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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