

Converting Colors

YIQ(69.3420, 123.9660, 55.1500)

Have a look what the booklet for
YIQ(69.3420, 123.9660, 55.1500)
contains.

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Color

**YIQ(69.3420, 123.9660,
55.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	DE001A
RGB	222, 0, 26
RGB Percent	87%, 0%, 10%
CMY	0.1289, 0.9998, 0.8976
CMYK	0.00, 1.00, 0.88, 0.13
HSL	353°, 100%, 44%
HSV	353°, 100%, 87%
XYZ	30.3545, 15.6266, 2.4007
YIQ	69.3420, 123.9660, 55.1500

Conversions

Conversions Part 2

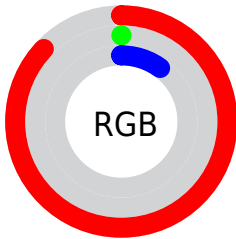
Format	Color
RYB	222, 0, 26
Decimal	14549018
CIELab	46.48, 72.45, 51.64
CIELCh	46, 88.976, 35.480
Yxy	15.6266, 0.6274, 0.3230
Android (android.graphics.Color)	4292739098 (0xFFDE001A)
YUV	69.3420, -21.3676, 133.8811
Hunter-Lab	39.5306, 67.8873, 24.0706

Details

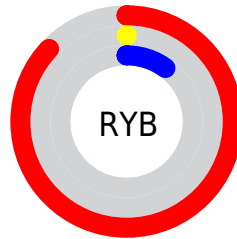
The YIQ color **69.3420, 123.9660, 55.1500** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **152.6580, -123.9660, -55.1500**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8100, 104.0720, 30.2160**, and **46.9430, 93.5720, 33.2840** is the 20% darker color. If you saturate the color by 10%, you get **69.3420, 123.9660, 55.1500**, and if you desaturate by 10%, it is **84.5360, 111.4960, 49.8640**.

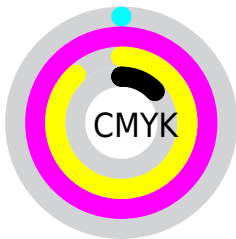
Distribution



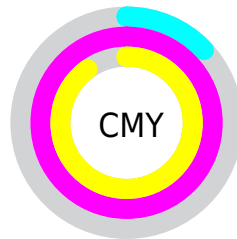
- Red (87%)
- Green (0%)
- Blue (10%)



- Red (87%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.3420, 123.9660, 55.1500 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 69.3420, 123.9660, 55.1500 by changing the saturation by 10% instead.


 69.3420, 123.9660,
55.1500

 69.3420, 123.9660,
55.1500


255.0000, -0.0000,
-0.0000


 56.7390, 112.0020,
40.6900


 136.8100,
104.0720, 30.2160


 46.9430, 93.5720,
33.2840


 157.8570, 87.5220,
21.7780


 37.0760, 73.9040,
26.2880


 178.3170, 71.2470,
13.8630

 28.0350, 54.7860,
20.3380

 198.3040, 54.9260,
6.7820

 19.1790, 36.5850,
14.2890

 218.9920, 38.0090,
-0.5110


 8.1870, 15.7710,
6.0350


 239.7940, 20.7710,


 0.0000, 0.0000,


-7.4930


0.0000


 252.3780, 7.3830,
-7.1530


 69.3420, 123.9660,
55.1500

 84.5360, 111.4960,
49.8640

 99.6160, 99.3470,
44.2670

 115.3970, 86.6020,
38.4580

 130.5910, 74.1320,
33.1720

 145.6710, 61.9830,
27.5750

■ 160.8650, 49.5130,
22.2890

■ 176.5320, 37.0890,
16.1690

■ 191.7260, 24.6190,
10.8830

■ 206.9200, 12.1490,
5.5970

Harmonies

Analogous

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



81.3660, 107.3640, 80.7080



69.3420, 123.9660, 55.1500



101.9650, 86.1970, -3.7790

Triad

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



69.3420, 123.9660, 55.1500



84.5060, -50.5610, -58.3770



97.7490, -114.0300, 18.1140

Complementary

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



69.3420, 123.9660, 55.1500



152.6580, -123.9660, -55.1500

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.



106.9300, -116.4580, 7.0460



69.3420, 123.9660, 55.1500



95.6150, -77.7080, -34.4440

Square

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



69.3420, 123.9660, 55.1500



83.2090, -19.1080, -61.2200



103.9370, -101.1410, -11.7410



109.2060, -27.6570, 55.2150

Rectangle

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



69.3420, 123.9660, 55.1500



104.1040, 57.2240, -23.8640



103.9370, -101.1410, -11.7410



101.8580, -115.9550, 14.4530

Sweetspot

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



69.3420, 123.9660, 55.1500



202.6360, 42.7280, 18.6000



83.0150, 43.7660, 109.9580



96.3240, 25.8110, 11.3070



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.



69.3420, 123.9660, 55.1500



79.6650, 142.3500, 63.3900



113.9250, 110.0370, 4.7010



104.4030, 6.2350, 2.6430



55.0180, 98.1550, 43.8430



15.0360, 26.6820, 12.0420

Inverse Universe

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



69.3420, 123.9660, 55.1500



79.6650, 142.3500, 63.3900



108.0750, -110.0370, -4.7010



104.4030, 6.2350, 2.6430



55.0180, 98.1550, 43.8430



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 69.3420, 123.9660, 55.1500 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 69.3420, 123.9660, 55.1500

Background



This preview shows how black text looks on a background with the YIQ color 69.3420, 123.9660, 55.1500.



This preview shows how white text looks on a background with the YIQ color 69.3420, 123.9660,

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

69.3420, 123.9660, 55.1500

Protanopia

108.3630, 28.9340, -17.7700

Deuteranopia

104.6800, 55.4820, -25.3340



Tritanopia

77.8190, 126.2160, 36.3920

Trichromacy



Original Color

69.3420, 123.9660, 55.1500

Protanomaly

93.9630, 63.3160, 8.9160

Deuteranomaly

91.4840, 80.6020, 4.0100

Tritanomaly

74.7360, 125.2520, 42.8520

Monochromacy



Original Color

69.3420, 123.9660, 55.1500

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2450, 45.3870, 19.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.3420, 123.9660, 55.1500 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(222, 0, 26)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 26)  
}
```

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(222, 0, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 26) }
```

Border

The CSS property to change the border of an element to YIQ 69.3420, 123.9660, 55.1500 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(222, 0, 26) }
```


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

```
.border{ border-color:rgb(222, 0, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 0, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(222, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.3420, 123.9660, 55.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 26) }
```

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

```
.background{ background-color: rgb(222, 0,  
26) }
```

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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