

Converting Colors

YIQ(69.0000, 124.9290, 54.2170)

Have a look what the booklet for
YIQ(69.0000, 124.9290, 54.2170)
contains.

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Color

**YIQ(69.0000, 124.9290,
54.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0017
RGB	222, 0, 23
RGB Percent	87%, 0%, 9%
CMY	0.1289, 0.9998, 0.9093
CMYK	0.00, 1.00, 0.90, 0.13
HSL	354°, 100%, 44%
HSV	354°, 100%, 87%
XYZ	30.3225, 15.6138, 2.2326
YIQ	69.0000, 124.9290, 54.2170

Conversions

Conversions Part 2

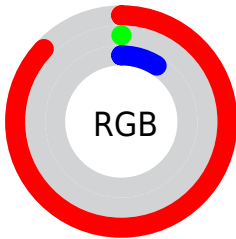
Format	Color
RYB	222, 0, 23
Decimal	14549015
CIELab	46.46, 72.41, 52.95
CIELCh	46, 89.706, 36.179
Yxy	15.6138, 0.6295, 0.3241
Android (android.graphics.Color)	4292739095 (0xFFDE0017)
YUV	69.0000, -22.6780, 134.1810
Hunter-Lab	39.5143, 67.8272, 24.3100

Details

The YIQ color **69.0000, 124.9290, 54.2170** 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 **153.0000, -124.9290, -54.2170**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.4680, 105.0350, 29.2830**, and **46.6440, 92.9760, 33.0720** is the 20% darker color. If you saturate the color by 10%, you get **69.0000, 124.9290, 54.2170**, and if you desaturate by 10%, it is **84.1940, 112.4590, 48.9310**.

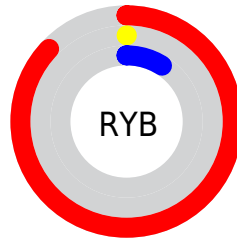
Distribution



Red (87%)

Green (0%)

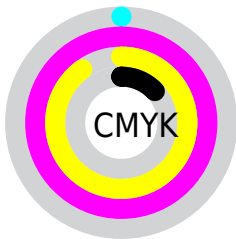
Blue (9%)



Red (87%)

Yellow (0%)

Blue (9%)

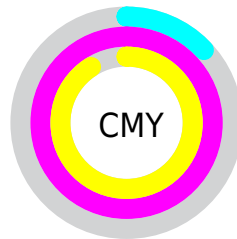


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.0000, 124.9290, 54.2170 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 69.0000, 124.9290, 54.2170 by changing the saturation by 10% instead.


 69.0000, 124.9290,
54.2170


 69.0000, 124.9290,
54.2170


255.0000, -0.0000,
-0.0000


 56.5110, 112.6440,
40.0680


 136.4680,
105.0350, 29.2830


 46.9430, 93.5720,
33.2840


 157.5150, 88.4850,
20.8450


 37.0760, 73.9040,
26.2880


 177.3880, 72.4850,
13.4530

 28.0350, 54.7860,
20.3380

 198.0760, 55.5680,
6.1600

 19.1790, 36.5850,
14.2890

 218.7640, 38.6510,
-1.1330


 8.1870, 15.7710,
6.0350


 239.4520, 21.7340,


 0.0000, 0.0000,


-8.4260


0.0000


 252.1500, 8.0250,
-7.7750


 69.0000, 124.9290,
54.2170

 84.1940, 112.4590,
48.9310

 99.3880, 99.9890,
43.6450

 115.1690, 87.2440,
37.8360

 130.3630, 74.7740,
32.5500

 145.5570, 62.3040,
27.2640

■ 160.7510, 49.8340,
21.9780

■ 176.4180, 37.4100,
15.8580

■ 191.6120, 24.9400,
10.5720

■ 206.8060, 12.4700,
5.2860

Harmonies

Analogous

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



81.4370, 108.6020, 80.2980



69.0000, 124.9290, 54.2170



101.6660, 85.6010, -3.9910

Triad

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



69.0000, 124.9290, 54.2170



84.6200, -50.8820, -58.0660



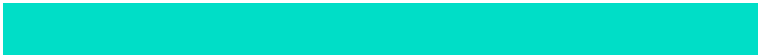
97.1620, -113.7550, 18.6370

Complementary

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



69.0000, 124.9290, 54.2170



153.0000, -124.9290, -54.2170

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.



107.1580, -117.1000, 7.6680



69.0000, 124.9290, 54.2170



95.7290, -78.0290, -34.1330

Square

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



69.0000, 124.9290, 54.2170



81.4040, -24.1510, -63.4390



104.1650, -101.7830, -11.1190



109.5160, -25.5940, 56.3740

Rectangle

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



69.0000, 124.9290, 54.2170



103.8050, 56.6280, -24.0760



104.1650, -101.7830, -11.1190



101.8580, -115.9550, 14.4530

Sweetspot

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



69.0000, 124.9290, 54.2170



202.5220, 43.0490, 18.2890



83.9120, 45.5540, 110.5940



96.2100, 26.1320, 10.9960



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.



69.0000, 124.9290, 54.2170



79.2090, 143.6340, 62.1460



116.2730, 108.9370, 2.6090



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310

Inverse Universe

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



69.0000, 124.9290, 54.2170



79.2090, 143.6340, 62.1460



105.7270, -108.9370, -2.6090



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310

Previews

White Background



This preview shows how the YIQ color 69.0000, 124.9290, 54.2170 looks on a white background.

Color Contrast Check

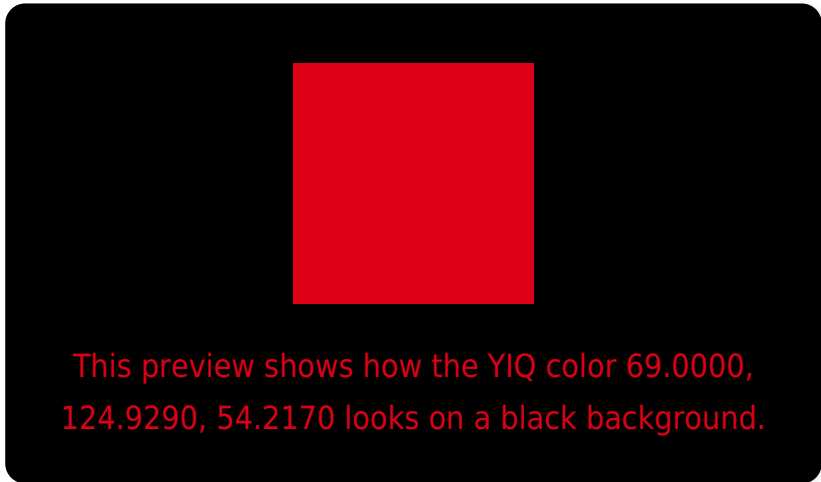
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.0000, 124.9290, 54.2170

Background



This preview shows how black text looks on a background with the YIQ color 69.0000, 124.9290, 54.2170.



This preview shows how white text looks on a background with the YIQ color 69.0000, 124.9290,

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

69.0000, 124.9290, 54.2170

Protanopia

108.0210, 29.8970, -18.7030

Deuteranopia

104.6800, 55.4820, -25.3340



Tritanopia

77.8190, 126.2160, 36.3920

Trichromacy



Original Color

69.0000, 124.9290, 54.2170

Protanomaly

93.6210, 64.2790, 7.9830

Deuteranomaly

91.3700, 80.9230, 3.6990

Tritanomaly

74.6220, 125.5730, 42.5410

Monochromacy



Original Color

69.0000, 124.9290, 54.2170

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.1310, 45.7080, 19.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.0000, 124.9290, 54.2170 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 23) }
```

Border

The CSS property to change the border of an element to YIQ 69.0000, 124.9290, 54.2170 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, 23) }
```


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

```
.border{ border-color:rgb(222, 0, 23) }
```

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, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(222, 0, 23)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.0000, 124.9290, 54.2170 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, 23) }
```

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

```
.background{ background-color: rgb(222, 0,  
23) }
```

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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