

Converting Colors

YIQ(54.6350, 89.1680, 47.0240)

Have a look what the booklet for
YIQ(54.6350, 89.1680, 47.0240)
contains.

YIQ(54.6350, 89.1680, 47.0240)	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(54.6350, 89.1680,
47.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	A90024
RGB	169, 0, 36
RGB Percent	66%, 0%, 14%
CMY	0.3368, 0.9999, 0.8585
CMYK	0.00, 1.00, 0.79, 0.34
HSL	347°, 100%, 33%
HSV	347°, 100%, 66%
XYZ	16.7051, 8.5749, 2.4504
YIQ	54.6350, 89.1680, 47.0240

Conversions

Conversions Part 2

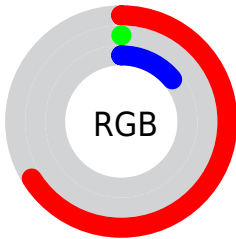
Format	Color
R_{YB}	169, 0, 36
Decimal	11075620
CIE Lab	35.15, 59.59, 31.73
CIE LCh	35, 67.510, 28.033
Yxy	8.5749, 0.6024, 0.3092
Android (android.graphics.Color)	4289265700 (0xFFA90024)
YUV	54.6350, -9.1871, 100.2981
Hunter-Lab	29.2829, 50.5846, 15.5366

Details

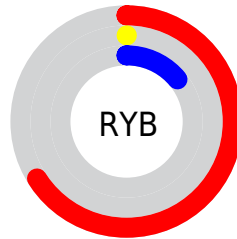
The YIQ color **54.6350, 89.1680, 47.0240** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **114.3650, -89.1680, -47.0240**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8010, 91.0960, 34.1040**, and **32.2920, 64.3680, 22.8960** is the 20% darker color. If you saturate the color by 10%, you get **54.6350, 89.1680, 47.0240**, and if you desaturate by 10%, it is **66.0960, 80.3200, 42.1760**.

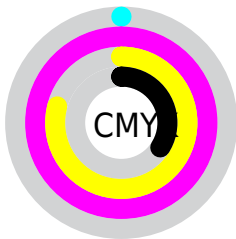
Distribution



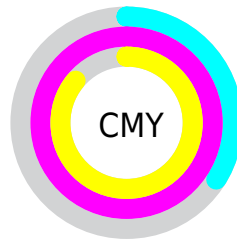
- Red (66%)
- Green (0%)
- Blue (14%)



- Red (66%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (34%)





- Cyan (34%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 54.6350, 89.1680, 47.0240 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 54.6350, 89.1680, 47.0240 by changing the saturation by 10% instead.


 54.6350, 89.1680,
47.0240


 54.6350, 89.1680,
47.0240


255.0000, -0.0000,
-0.0000


 43.0860, 77.1120,
34.2320


 123.8010, 91.0960,
34.1040


 32.2920, 64.3680,
22.8960

 150.4370, 89.1250,
31.2770


 23.4360, 46.1670,
16.8470

 169.7230, 73.4000,
24.4080

 14.8790, 28.5620,
11.0100

 189.1230, 57.3540,
17.8500

 0.0000, 0.0000,
0.0000

 209.2240, 40.7120,
11.0800

 229.4390, 23.7490,

4.6210

■ 250.2410, 6.5110,
-2.3610

■ 54.6350, 89.1680,
47.0240

■ 66.0960, 80.3200,
42.1760

■ 77.6710, 71.1510,
37.6390

■ 89.1320, 62.3030,
32.7910

■ 100.5930, 53.4550,
27.9430

■ 112.1680, 44.2860,
23.4060

■ 123.0420, 35.7130,
19.0810

■ 134.5030, 26.8650,
14.2330

■ 146.0780, 17.6960,
9.6960

■ 157.5390, 8.8480,
4.8480

Harmonies

Analogous

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



61.2750, 73.3470, 63.9310



54.6350, 89.1680, 47.0240



75.0530, 71.5700, 2.4980

Triad

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



54.6350, 89.1680, 47.0240



61.1110, -32.9110, -47.8470



75.3050, -86.6570, 12.1190

Complementary

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



54.6350, 89.1680, 47.0240



114.3650, -89.1680, -47.0240

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.



79.8240, -84.2250, 1.0790



54.6350, 89.1680, 47.0240



69.8260, -53.3170, -30.4450

Square

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



54.6350, 89.1680, 47.0240



70.4270, 4.5460, -38.3500



76.6830, -71.2470, -13.8630



79.5500, -41.2700, 32.0900

Rectangle

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



54.6350, 89.1680, 47.0240



78.4320, 50.8490, -12.9510



76.6830, -71.2470, -13.8630



78.0120, -87.3900, 8.8820

Sweetspot

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



54.6350, 89.1680, 47.0240



175.0310, 34.2460, 18.1340



58.7340, 24.4230, 80.5430



82.9860, 20.9510, 11.2790



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



54.6350, 89.1680, 47.0240



70.8390, 115.4370, 61.0450



78.7070, 87.5240, 10.7240



78.6200, 4.1260, 2.3180



47.9000, 77.9360, 41.3280



6.4360, 10.6360, 5.4840

Inverse Universe

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



54.6350, 89.1680, 47.0240



70.8390, 115.4370, 61.0450



90.2930, -87.5240, -10.7240



78.6200, 4.1260, 2.3180



47.9000, 77.9360, 41.3280



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 54.6350, 89.1680, 47.0240 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 54.6350, 89.1680, 47.0240

Background



This preview shows how black text looks on a background with the YIQ color 54.6350, 89.1680, 47.0240.



This preview shows how white text looks on a background with the YIQ color 54.6350, 89.1680,

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

54.6350, 89.1680, 47.0240

Protanopia

84.5590, 14.1230, -8.1570

Deuteranopia

82.6890, 34.0680, -11.6920



Tritanopia

59.9060, 94.9940, 29.5380

Trichromacy



Original Color

54.6350, 89.1680, 47.0240

Protanomaly

73.9360, 41.5830, 11.8150

Deuteranomaly

72.7000, 53.8710, 9.3830

Tritanomaly

58.2250, 92.8380, 35.5740

Monochromacy



Original Color

54.6350, 89.1680, 47.0240

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7210, 32.1830, 16.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.6350, 89.1680, 47.0240 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(169, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(169, 0, 36)  
}
```

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(169, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 0, 36) }
```

Border

The CSS property to change the border of an element to YIQ 54.6350, 89.1680, 47.0240 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(169, 0, 36) }
```


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

```
.border{ border-color:rgb(169, 0, 36) }
```

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

Here you see how a box with a 4 pixel rgb(169, 0, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 0, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 0, 36);  
box-shadow:4px 4px 4px 4px rgb(169, 0, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.6350, 89.1680, 47.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 0, 36) }
```

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

```
.background{ background-color: rgb(169, 0,  
36) }
```

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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