

Converting Colors

YIQ(54.1490, 99.1640, 42.0760)

Have a look what the booklet for
YIQ(54.1490, 99.1640, 42.0760)
contains.

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Color

**YIQ(54.1490, 99.1640,
42.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	AF0010
RGB	175, 0, 16
RGB Percent	69%, 0%, 6%
CMY	0.3133, 0.9999, 0.9369
CMYK	0.00, 1.00, 0.91, 0.31
HSL	354°, 100%, 34%
HSV	354°, 100%, 69%
XYZ	17.7979, 9.1642, 1.3249
YIQ	54.1490, 99.1640, 42.0760

Conversions

Conversions Part 2

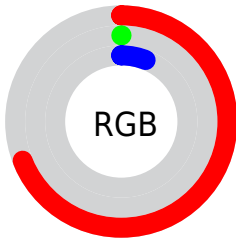
Format	Color
RYB	175, 0, 16
Decimal	11468816
CIELab	36.30, 60.63, 44.17
CIElCh	36, 75.011, 36.074
Yxy	9.1642, 0.6292, 0.3240
Android (android.graphics.Color)	4289658896 (0xFFAF0010)
YUV	54.1490, -18.8075, 105.9863
Hunter-Lab	30.2725, 51.9671, 18.5960

Details

The YIQ color **54.1490, 99.1640, 42.0760** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **120.8510, -99.1640, -42.0760**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2010, 101.4130, 28.8450**, and **33.4880, 66.7520, 23.7440** is the 20% darker color. If you saturate the color by 10%, you get **54.1490, 99.1640, 42.0760**, and if you desaturate by 10%, it is **66.5390, 89.0780, 37.6380**.

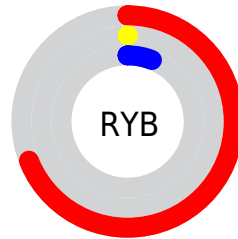
Distribution



Red (69%)

Green (0%)

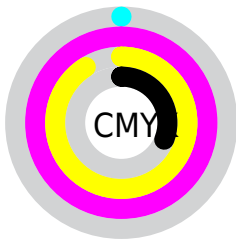
Blue (6%)



Red (69%)

Yellow (0%)

Blue (6%)

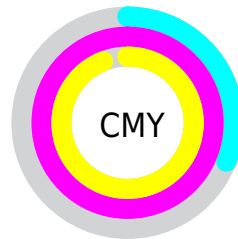


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (31%)



Cyan (31%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.1490, 99.1640, 42.0760 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 54.1490, 99.1640, 42.0760 by changing the saturation by 10% instead.

■ 54.1490, 99.1640,
42.0760

■ 54.1490, 99.1640,
42.0760

■ 253.9740, 2.8890,
-2.7990

■ 43.0560, 85.8240,
30.5280

■ 124.3150,
101.0920, 29.1560

■ 33.4880, 66.7520,
23.7440

■ 148.7440, 95.2700,
24.5340

■ 24.6320, 48.5510,
17.6950

■ 168.0300, 79.5450,
17.6650

■ 16.0750, 30.9460,
11.8580

■ 188.0170, 63.2240,
10.5840

■ 1.1960, 2.3840,
0.8480

■ 208.0040, 46.9030,
3.5030

■ 0.0000, 0.0000,
0.0000

■ 228.2190, 29.9400,

-2.9560

■ 248.4340, 12.9770,
-9.4150

■ 54.1490, 99.1640,
42.0760

■ 66.5390, 89.0780,
37.6380

■ 78.3420, 79.2670,
33.7230

■ 90.7320, 69.1810,
29.2850

■ 102.5350, 59.3700,
25.3700

■ 114.9250, 49.2840,
20.9320

■ 126.7280, 39.4730,
17.0170

■ 139.0040, 29.7080,
12.2680

■ 150.8070, 19.8970,
8.3530

■ 163.1970, 9.8110,
3.9150

Harmonies

Analogous

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



63.9790, 85.8640, 62.8560



54.1490, 99.1640, 42.0760



78.8520, 67.5820, -2.3220

Triad

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



54.1490, 99.1640, 42.0760



65.7560, -39.1010, -45.7970



77.1290, -91.7930, 17.0950

Complementary

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



54.1490, 99.1640, 42.0760



120.8510, -99.1640, -42.0760

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.



84.0930, -92.1120, 6.3520



54.1490, 99.1640, 42.0760



75.0410, -61.1120, -26.8400

Square

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



54.1490, 99.1640, 42.0760



63.4840, -17.9640, -48.9080



81.7670, -80.0510, -8.4910



84.7040, -20.7320, 45.3480

Rectangle

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



54.1490, 99.1640, 42.0760



81.0350, 44.4770, -18.6190



81.7670, -80.0510, -8.4910



80.6510, -93.4430, 13.9570

Sweetspot

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



54.1490, 99.1640, 42.0760



180.0160, 38.6020, 16.2820



67.1920, 37.9930, 87.9210



86.0140, 23.7480, 10.1480



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



54.1490, 99.1640, 42.0760



70.2670, 128.5510, 54.6550



93.4150, 85.0500, 0.4900



80.8050, 5.0430, 2.2190



46.4460, 84.9060, 36.1540



7.1050, 13.0660, 5.4980

Inverse Universe

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



54.1490, 99.1640, 42.0760



70.2670, 128.5510, 54.6550



81.5850, -85.0500, -0.4900



80.8050, 5.0430, 2.2190



46.4460, 84.9060, 36.1540



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 54.1490, 99.1640, 42.0760 looks on a white background.

Color Contrast Check

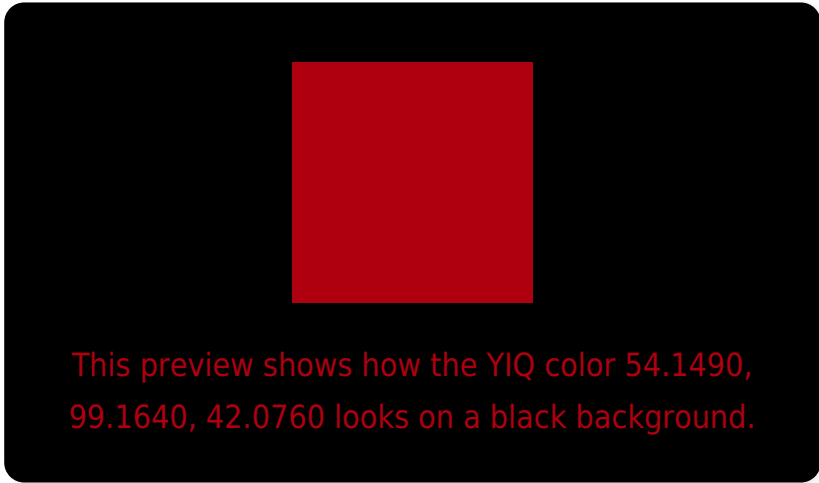
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.1490, 99.1640, 42.0760

Background



This preview shows how black text looks on a background with the YIQ color 54.1490, 99.1640, 42.0760.



This preview shows how white text looks on a background with the YIQ color 54.1490, 99.1640,

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

54.1490, 99.1640, 42.0760

Protanopia

85.3780, 24.5780, -15.9180

Deuteranopia

82.4970, 43.0560, -20.4000



Tritanopia

61.4180, 99.3040, 28.5200

Trichromacy



Original Color

54.1490, 99.1640, 42.0760

Protanomaly

74.3960, 51.6710, 5.1990

Deuteranomaly

71.8610, 63.3630, 2.5550

Tritanomaly

58.5800, 99.0280, 33.5240

Monochromacy



Original Color

54.1490, 99.1640, 42.0760

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.8200, 36.2180, 15.4340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1490, 99.1640, 42.0760 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(175, 0, 16)` looks like.

```
.text, #text, p{  
    color:rgb(175, 0, 16)  
}
```

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(175, 0, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 0, 16) }
```

Border

The CSS property to change the border of an element to YIQ 54.1490, 99.1640, 42.0760 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(175, 0, 16) }
```


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

```
.border{ border-color:rgb(175, 0, 16) }
```

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

Here you see how a box with a 4 pixel rgb(175, 0, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(175, 0, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.1490, 99.1640, 42.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 0, 16) }
```

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

```
.background{ background-color: rgb(175, 0,  
16) }
```

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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