

Converting Colors

YIQ(54.2090, 2.6510, 45.5870)

Have a look what the booklet for
YIQ(54.2090, 2.6510, 45.5870)
contains.

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Color

**YIQ(54.2090, 2.6510,
45.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	551881
RGB	85, 24, 129
RGB Percent	33%, 9%, 51%
CMY	0.6664, 0.9060, 0.4942
CMYK	0.34, 0.81, 0.00, 0.49
HSL	275°, 69%, 30%
HSV	275°, 81%, 51%
XYZ	8.0385, 4.1705, 21.1439
YIQ	54.2090, 2.6510, 45.5870

Conversions

Conversions Part 2

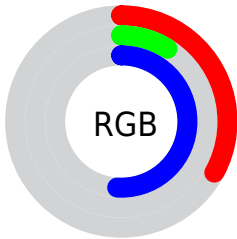
Format	Color
R_{YB}	85, 24, 129
Decimal	5576833
CIE _{Lab}	24.23, 46.08, -46.46
CIE _{LCh}	24, 65.436, 314.765
Yxy	4.1705, 0.2410, 0.1250
Android (android.graphics.Color)	4283766913 (0xFF551881)
YUV	54.2090, 36.8720, 27.0037
Hunter-Lab	20.4219, 34.5237, -47.0909

Details

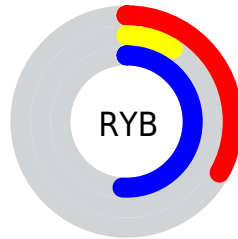
The YIQ color **54.2090, 2.6510, 45.5870** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **98.7910, -2.6510, -45.5870**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4480, 3.4760, 47.1560**, and **18.5740, -6.2870, 31.3530** is the 20% darker color. If you saturate the color by 10%, you get **45.0830, 3.2460, 51.3260**, and if you desaturate by 10%, it is **63.3350, 2.0560, 39.8480**.

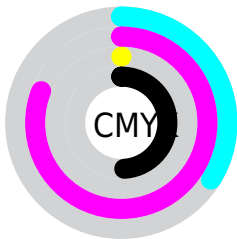
Distribution



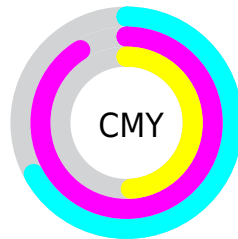
- Red (33%)
- Green (9%)
- Blue (51%)



- Red (33%)
- Yellow (9%)
- Blue (51%)



- Cyan (34%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.2090, 2.6510, 45.5870 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 54.2090, 2.6510, 45.5870 by changing the saturation by 10% instead.

■ 54.2090, 2.6510,
45.5870

■ 54.2090, 2.6510,
45.5870

■ 255.0000, -0.0000,
-0.0000

■ 29.0840, 1.5050,
44.3290

■ 106.4480, 3.4760,
47.1560

■ 18.5740, -6.2870,
31.3530

■ 133.2740, 4.0260,
48.2020

■ 6.2700, -17.6550,
17.1050

■ 160.1000, 4.5760,
49.2480

■ 4.8220, -10.8220,
8.9060

■ 186.4440, 9.2990,
46.2510


■ 0.5700, -1.6050,
1.5550


■ 210.9640, 19.1580,
38.2780


■ 0.0000, 0.0000,
0.0000


■ 228.5850, 12.3750,


23.5350


 245.0210, 4.6750,
8.8910


 54.2090, 2.6510,
45.5870


 54.2090, 2.6510,
45.5870


 45.0830, 3.2460,
51.3260

 63.3350, 2.0560,
39.8480

 37.1310, 3.2910,
56.0190

 72.7600, 2.0570,
34.3210

 81.8860, 1.4620,
28.5820

 91.3110, 1.4630,
23.0550

 99.8500, 1.1430,
17.8390

■ 108.9760, 0.5480,
12.1000

■ 118.4010, 0.5490,
6.5730

■ 127.5270, -0.0460,
0.8340

■ 136.9520, -0.0450,
-4.6930

Harmonies

Analogous

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



51.1290, -65.4300, 18.3940



54.2090, 2.6510, 45.5870



48.2610, 49.5990, 53.7830

Triad

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



54.2090, 2.6510, 45.5870



54.5100, 42.1820, -4.5540



53.9600, -47.2220, -14.2460

Complementary

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



54.2090, 2.6510, 45.5870



98.7910, -2.6510, -45.5870

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.



46.7440, -29.6590, -29.6830



54.2090, 2.6510, 45.5870



51.6320, 11.8790, -22.5610

Square

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



54.2090, 2.6510, 45.5870



36.7770, 73.3080, 26.0760



41.6770, -19.5250, -37.1330



59.0900, -61.6670, -0.2510

Rectangle

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



54.2090, 2.6510, 45.5870



47.1900, 65.5560, 45.4280



41.6770, -19.5250, -37.1330



51.4350, -41.4900, -19.0100

Sweetspot

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



54.2090, 2.6510, 45.5870



139.4370, 0.8680, 17.3160



62.3850, -46.0800, 9.1200



66.9220, 0.6400, 10.4320



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



54.2090, 2.6510, 45.5870



50.5140, 4.2510, 71.6670



66.5670, 31.1220, 52.7380



58.9940, 0.1370, 3.0250



36.7180, 3.0160, 55.4960



0.0000, 0.0000, 0.0000

Inverse Universe

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



60.4110, 48.4560, 35.9440



60.2010, 76.1910, 56.4390



86.4330, -31.1220, -52.7380



59.4350, 3.2090, 2.4170



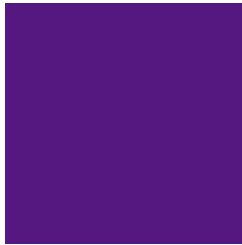
44.3140, 59.2750, 43.6190



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 54.2090, 2.6510, 45.5870 looks on a white background.

Color Contrast Check

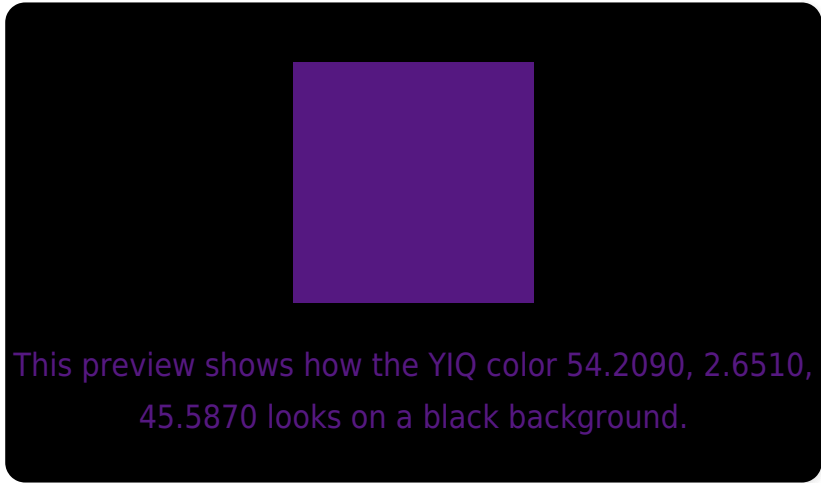
Large Text (above 18pt) WCAG AA ✓ Pass

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

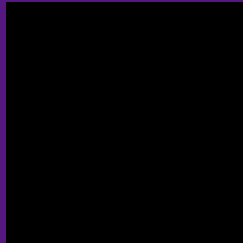
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 54.2090, 2.6510, 45.5870

Background



This preview shows how black text looks on a background with the YIQ color 54.2090, 2.6510, 45.5870.



This preview shows how white text looks on a background with the YIQ color 54.2090, 2.6510,

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

54.2090, 2.6510, 45.5870

Protanopia

47.1390, -54.1950, 7.5090

Deuteranopia

47.0760, -49.8840, 0.9640



Tritanopia

59.8380, 9.4440, 5.0600

Trichromacy



Original Color

54.2090, 2.6510, 45.5870

Protanomaly

49.7060, -33.3820, 21.2900

Deuteranomaly

49.7400, -30.7220, 17.1340

Tritanomaly

57.8400, 7.1030, 19.9590

Monochromacy



Original Color

54.2090, 2.6510, 45.5870

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9100, 0.9140, 16.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.2090, 2.6510, 45.5870 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(85, 24, 129)` looks like.

```
.text, #text, p{  
    color:rgb(85, 24, 129)  
}
```

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(85, 24, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 24, 129) }
```

Border

The CSS property to change the border of an element to YIQ 54.2090, 2.6510, 45.5870 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(85, 24, 129) }
```


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

```
.border{ border-color:rgb(85, 24, 129) }
```

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

Here you see how a box with a 4 pixel rgb(85, 24, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 24, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 24, 129);  
box-shadow:4px 4px 4px 4px rgb(85, 24,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 54.2090, 2.6510, 45.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 24, 129) }
```

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

```
.background{ background-color: rgb(85, 24,  
129) }
```

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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