

Converting Colors

YIQ(88.4740, -54.4210,
-10.4290)

Have a look what the booklet for
YIQ(88.4740, -54.4210, -10.4290)
contains.

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Color

**YIQ(88.4740, -54.4210,
-10.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6E83
RGB	30, 110, 131
RGB Percent	12%, 43%, 51%
CMY	0.8825, 0.5685, 0.4865
CMYK	0.77, 0.16, 0.00, 0.49
HSL	192°, 63%, 32%
HSV	192°, 77%, 51%
XYZ	10.2064, 13.0716, 23.4368
YIQ	88.4740, -54.4210, -10.4290

Conversions

Conversions Part 2

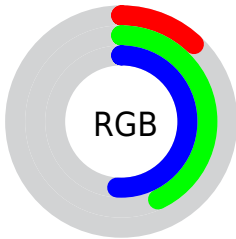
Format	Color
R_{YB}	30, 75, 131
Decimal	1994371
CIE _{Lab}	42.87, -16.10, -18.36
CIE _{LCh}	43, 24.417, 228.754
Yxy	13.0716, 0.2185, 0.2798
Android (android.graphics.Color)	4280184451 (0xFF1E6E83)
YUV	88.4740, 20.9653, -51.2817
Hunter-Lab	36.1546, -12.8803, -13.1258




Details

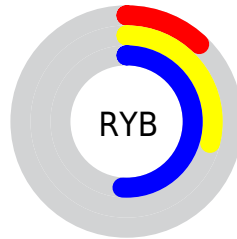
The YIQ color **88.4740, -54.4210, -10.4290** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.5260, 54.4210, 10.4290**, and the grayscale version is **88.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **143.2790, -49.3780, -8.2100**, and **45.7420, -43.3720, -6.9240** is the 20% darker color. If you saturate the color by 10%, you get **82.8260, -61.3440, -11.6160**, and if you desaturate by 10%, it is **94.1220, -47.4980, -9.2420**.

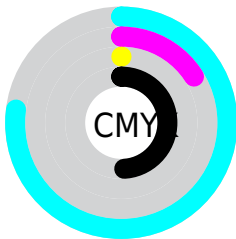
Distribution







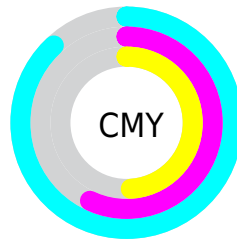
-  Red (12%)
-  Green (43%)
-  Blue (51%)






-  Red (12%)
-  Yellow (29%)
-  Blue (51%)



-  Cyan (77%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (88%)
-  Magenta (57%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.4740, -54.4210, -10.4290 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 88.4740, -54.4210, -10.4290 by changing the saturation by 10% instead.

88.4740, -54.4210,
-10.4290

88.4740, -54.4210,
-10.4290

255.0000, -0.0000,
-0.0000

62.5660, -57.6760,
-12.0120

143.2790,
-49.3780, -8.2100

45.7420, -43.3720,
-6.9240

170.6920,
-49.1030, -7.6870

30.0920, -29.6180,
-2.8820

198.6920,
-49.1030, -7.6870

15.3710, -17.1020,
1.5700

225.2100,
-44.9300, -11.7300

2.1830, -4.7690,
3.8310

239.7510,
-30.3960, -10.8120

0.0000, 0.0000,
0.0000

248.4220,

-13.1120, -4.6640

■ 88.4740, -54.4210,
-10.4290

■ 88.4740, -54.4210,
-10.4290

■ 82.8260, -61.3440,
-11.6160

■ 94.1220, -47.4980,
-9.2420

■ 77.7650, -68.5420,
-13.3260

■ 99.1830, -40.3000,
-7.5320

■ 75.9820, -70.6510,
-13.6510

■ 104.8310,
-33.3770, -6.3450

■ 110.4790,
-26.4540, -5.1580

■ 116.1270,
-19.5310, -3.9710

■ 121.4870,
-11.7370, -2.0490

■ 127.1350, -4.8140,
-0.8620

■ 132.7830, 2.1090,
0.3250

■ 137.8440, 9.3070,
2.0350

Harmonies

Analogous

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



87.2970, -49.7890, -17.2850



88.4740, -54.4210, -10.4290



95.5350, -38.0550, 1.3450

Triad

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



88.4740, -54.4210, -10.4290



104.2730, 21.8210, 17.5410



98.6140, 12.2900, -13.4860

Complementary

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



88.4740, -54.4210, -10.4290



72.5260, 54.4210, 10.4290

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.



100.4850, 26.1350, -5.5850



88.4740, -54.4210, -10.4290



102.7870, 31.8170, 12.5930

Square

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



88.4740, -54.4210, -10.4290



104.1770, 4.5360, 16.9200



102.2890, 32.9190, 3.6310



96.0400, -6.6450, -17.2450

Rectangle

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



88.4740, -54.4210, -10.4290



99.8790, -24.1640, 8.4120



102.2890, 32.9190, 3.6310



99.4190, 17.3330, -11.2670

Sweetspot

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



88.4740, -54.4210, -10.4290



154.6430, -21.0440, -4.0840



91.5670, -34.1950, -46.6030



76.5900, -13.5250, -2.6850



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



88.4740, -54.4210, -10.4290



104.0880, -85.6890, -16.4490



59.1240, -40.6710, 15.7210



63.6190, -3.3010, -0.7490



75.2810, -70.0550, -13.4390



1.5160, -1.5130, -0.1130

Inverse Universe

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



69.3190, 34.5160, 46.2920



73.9050, 54.3180, 72.8940



101.8760, 40.6710, -15.7210



62.3640, 1.9710, 2.8270



50.6120, 44.4170, 59.5930



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 88.4740, -54.4210, -10.4290 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



This preview shows how the YIQ color 88.4740, -54.4210, -10.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

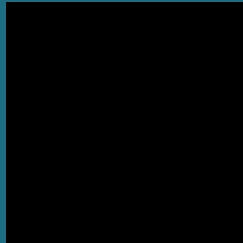
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.4740, -54.4210, -10.4290

Background



This preview shows how black text looks on a background with the YIQ color 88.4740, -54.4210, -10.4290.



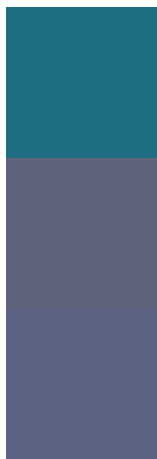
This preview shows how white text looks on a background with the YIQ color 88.4740, -54.4210, -10.4290.

-10.4290.

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

88.4740, -54.4210, -10.4290

Protanopia

101.2410, -10.6840, 6.4040

Deuteranopia

101.0820, -14.4900, 9.3020



Tritanopia

85.5180, -57.7210, -16.7050

Trichromacy



Original Color

88.4740, -54.4210, -10.4290

Protanomaly

96.7550, -27.0510, 0.1570

Deuteranomaly

96.4390, -28.9770, 2.0230

Tritanomaly

86.5830, -56.3460, -14.0900

Monochromacy



Original Color

88.4740, -54.4210, -10.4290

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.2410, -19.8520, -3.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.4740, -54.4210, -10.4290 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(30, 110, 131)` looks like.

```
.text, #text, p{  
    color:rgb(30, 110, 131)  
}
```

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(30, 110, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 110, 131) }
```

Border

The CSS property to change the border of an element to YIQ 88.4740, -54.4210, -10.4290 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(30, 110, 131) }
```


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

```
.border{ border-color:rgb(30, 110, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 110, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 110, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 110, 131);  
box-shadow:4px 4px 4px 4px rgb(30, 110,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 88.4740, -54.4210, -10.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 110, 131) }
```

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

```
.background{ background-color: rgb(30, 110,  
131) }
```

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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