

Converting Colors

YIQ(84.4710, -22.8350, 11.8610)

Have a look what the booklet for
YIQ(84.4710, -22.8350, 11.8610)
contains.

YIQ(84.4710, -22.8350, 11.8610)	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(84.4710, -22.8350,
11.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	465382
RGB	70, 83, 130
RGB Percent	27%, 33%, 51%
CMY	0.7255, 0.6745, 0.4903
CMYK	0.46, 0.36, 0.00, 0.49
HSL	227°, 30%, 39%
HSV	227°, 46%, 51%
XYZ	9.6465, 9.1003, 22.3558
YIQ	84.4710, -22.8350, 11.8610

Conversions

Conversions Part 2

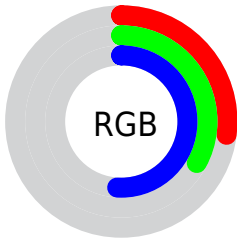
Format	Color
R_{YB}	70, 81, 130
Decimal	4608898
CIE Lab	36.18, 8.33, -28.03
CIE LCh	36, 29.240, 286.549
Yxy	9.1003, 0.2347, 0.2214
Android (android.graphics.Color)	4282798978 (0xFF465382)
YUV	84.4710, 22.4458, -12.6911
Hunter-Lab	30.1667, 4.2881, -22.8217

Details

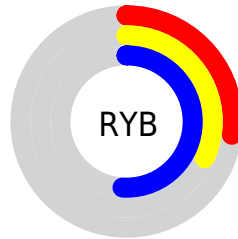
The YIQ color **84.4710, -22.8350, 11.8610** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.5290, 22.8350, -11.8610**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.5250, -22.9270, 13.5290**, and **37.3950, -25.6770, 8.2990** is the 20% darker color. If you saturate the color by 10%, you get **74.7140, -27.8330, 14.3350**, and if you desaturate by 10%, it is **94.2280, -17.8370, 9.3870**.

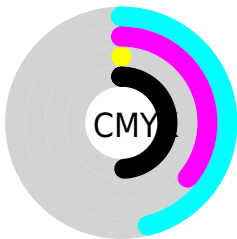
Distribution



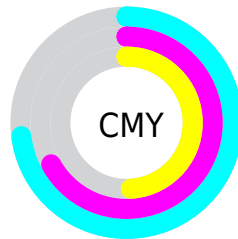
- Red (27%)
- Green (33%)
- Blue (51%)



- Red (27%)
- Yellow (32%)
- Blue (51%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.4710, -22.8350, 11.8610 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 84.4710, -22.8350, 11.8610 by changing the saturation by 10% instead.

■ 84.4710, -22.8350,
11.8610

■ 84.4710, -22.8350,
11.8610

■ 255.0000, -0.0000,
-0.0000

■ 60.6450, -23.3850,
10.8150

■ 134.5250,
-22.9270, 13.5290

■ 37.3950, -25.6770,
8.2990

■ 161.0520,
-22.9730, 14.3630

■ 17.0640, -23.2470,
8.3130

■ 188.1660,
-23.2940, 14.6740

■ 5.1640, -11.7850,
9.8390

■ 214.7980,
-19.4420, 10.9420

■ 1.1400, -3.2100,
3.1100

■ 239.9050, -9.8580,
2.4460

■ 0.0000, 0.0000,
0.0000

■ 84.4710, -22.8350,
11.8610

■ 84.4710, -22.8350,
11.8610

■ 74.7140, -27.8330,
14.3350

■ 94.2280, -17.8370,
9.3870

■ 64.9570, -32.8310,
16.8090

■ 103.9850,
-12.8390, 6.9130

■ 54.6130, -37.5540,
19.8060

■ 114.3290, -8.1160,
3.9160

■ 44.8560, -42.5520,
22.2800

■ 124.0860, -3.1180,
1.4420

■ 35.0990, -47.5500,
24.7540

■ 133.8430, 1.8800,
-1.0320

■ 31.2560, -49.4300,
25.7860

■ 143.6000, 6.8780,
-3.5060

■ 153.3570, 11.8760,
-5.9800

■ 163.1140, 16.8740,

-8.4540

■ 173.4580, 21.5970,
-11.4510

Harmonies

Analogous

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



71.2270, -60.7950, -5.0430



84.4710, -22.8350, 11.8610



87.6870, 3.1600, 19.8320

Triad

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



84.4710, -22.8350, 11.8610



85.2680, 37.4120, 4.8040



71.2520, -36.7210, -22.8410

Complementary

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



84.4710, -22.8350, 11.8610



115.5290, 22.8350, -11.8610

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.



78.4590, -6.5070, -19.7470



84.4710, -22.8350, 11.8610



83.6980, 29.8490, -6.8150

Square

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



84.4710, -22.8350, 11.8610



85.9340, 35.8970, 15.7450



82.1150, 15.1330, -15.4510



68.1110, -58.1330, -20.2530

Rectangle

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



84.4710, -22.8350, 11.8610



87.6410, 17.9690, 21.2730



82.1150, 15.1330, -15.4510



75.2380, -24.9380, -21.6260

Sweetspot

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



84.4710, -22.8350, 11.8610



150.5570, -8.7580, 4.5380



110.4640, -31.2660, -17.0740



73.3570, -5.3190, 2.7850



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.



84.4710, -22.8350, 11.8610



98.2280, -35.0320, 18.1520



81.6240, -9.7240, 22.0520



58.9720, -2.7970, 1.1310



31.0280, -48.7880, 25.1640



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.4220, 31.5870, 16.7630



105.7880, 48.4120, 25.7240



118.3760, 9.7240, -22.0520



59.3210, 3.5300, 2.1060



41.4640, 67.3000, 35.8440



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 84.4710, -22.8350, 11.8610 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



This preview shows how the YIQ color 84.4710, -22.8350, 11.8610 looks on a 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 84.4710, -22.8350, 11.8610

Background



This preview shows how black text looks on a background with the YIQ color 84.4710, -22.8350, 11.8610.



This preview shows how white text looks on a background with the YIQ color 84.4710, -22.8350,

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

84.4710, -22.8350, 11.8610

Protanopia

83.8730, -24.0270, 11.4370

Deuteranopia

83.5520, -27.5570, 9.3310



Tritanopia

82.1270, -19.5310, -3.9710

Trichromacy



Original Color

84.4710, -22.8350, 11.8610

Protanomaly

84.1720, -23.4310, 11.6490

Deuteranomaly

83.8620, -25.4940, 10.4900

Tritanomaly

82.6310, -20.7700, 1.9660

Monochromacy



Original Color

84.4710, -22.8350, 11.8610

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.4430, -8.4370, 4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.4710, -22.8350, 11.8610 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(70, 83, 130)` looks like.

```
.text, #text, p{  
    color:rgb(70, 83, 130)  
}
```

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(70, 83, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 83, 130) }
```

Border

The CSS property to change the border of an element to YIQ 84.4710, -22.8350, 11.8610 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(70, 83, 130) }
```


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

```
.border{ border-color:rgb(70, 83, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 83, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 83, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 83, 130);  
box-shadow:4px 4px 4px 4px rgb(70, 83,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 84.4710, -22.8350, 11.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 83, 130) }
```

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

```
.background{ background-color: rgb(70, 83,  
130) }
```

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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