

Converting Colors

YIQ(86.2800, -32.7830, 4.9210)

Have a look what the booklet for
YIQ(86.2800, -32.7830, 4.9210)
contains.

YIQ(86.2800, -32.7830, 4.9210)	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(86.2800, -32.7830,
4.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5C83
RGB	58, 92, 131
RGB Percent	23%, 36%, 51%
CMY	0.7726, 0.6392, 0.4864
CMYK	0.56, 0.30, 0.00, 0.49
HSL	212°, 39%, 37%
HSV	212°, 56%, 51%
XYZ	9.6664, 10.1935, 22.9163
YIQ	86.2800, -32.7830, 4.9210

Conversions

Conversions Part 2

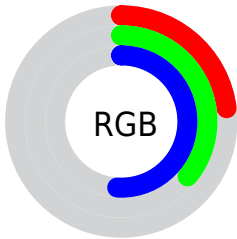
Format	Color
R_{YB}	58, 81, 131
Decimal	3824771
CIE _{Lab}	38.19, -0.18, -25.54
CIE _{LCh}	38, 25.540, 269.600
Yxy	10.1935, 0.2260, 0.2383
Android (android.graphics.Color)	4282014851 (0xFF3A5C83)
YUV	86.2800, 22.0470, -24.8016
Hunter-Lab	31.9272, -1.8291, -20.2073

Details

The YIQ color **86.2800, -32.7830, 4.9210** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.7200, 32.7830, -4.9210**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.2200, -32.5540, 6.2780**, and **36.8230, -38.9260, 0.6100** is the 20% darker color. If you saturate the color by 10%, you get **78.2840, -38.6060, 5.8260**, and if you desaturate by 10%, it is **94.2760, -26.9600, 4.0160**.

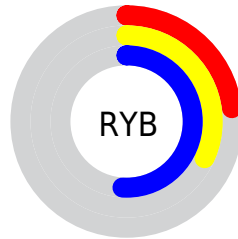
Distribution



Red (23%)

Green (36%)

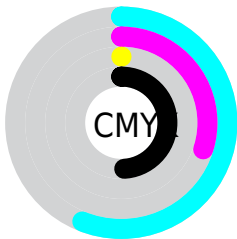
Blue (51%)



Red (23%)

Yellow (32%)

Blue (51%)

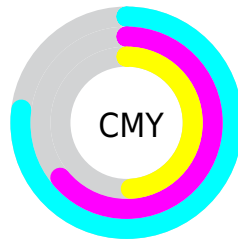


Cyan (56%)

Magenta (30%)

Yellow (0%)

Black (49%)



Cyan (77%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.2800, -32.7830, 4.9210 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 86.2800, -32.7830, 4.9210 by changing the saturation by 10% instead.

■ 86.2800, -32.7830,
4.9210

■ 86.2800, -32.7830,
4.9210

■ 255.0000, -0.0000,
-0.0000

■ 61.8560, -34.5250,
3.4510

■ 137.2200,
-32.5540, 6.2780

■ 36.8230, -38.9260,
0.6100

■ 163.7470,
-32.6000, 7.1120

■ 21.8740, -25.7680,
4.4400

■ 191.4480,
-33.1960, 6.9000

■ 5.2780, -12.1060,
10.1500

■ 217.3790,
-28.7480, 3.3800

■ 1.3680, -3.8520,
3.7320

■ 243.0730,
-19.4390, -5.6390

■ 0.0000, 0.0000,
0.0000

■ 253.5050, -2.9800,

-1.0600

■ 86.2800, -32.7830,
4.9210

■ 86.2800, -32.7830,
4.9210

■ 78.2840, -38.6060,
5.8260

■ 94.2760, -26.9600,
4.0160

■ 70.2880, -44.4290,
6.7310

■ 102.2720,
-21.1370, 3.1110

■ 62.2920, -50.2520,
7.6360

■ 110.2680,
-15.3140, 2.2060

■ 54.2960, -56.0750,
8.5410

■ 118.2640, -9.4910,
1.3010

■ 50.7410, -58.8260,
8.8380

■ 126.2600, -3.6680,
0.3960

■ 134.5550, 2.7510,
-0.2970

■ 142.5510, 8.5740,
-1.2020

■ 150.5470, 14.3970,
-2.1070

■ 158.5430, 20.2200,
-3.0120

Harmonies

Analogous

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



74.7770, -59.6480, -9.3120



86.2800, -32.7830, 4.9210



91.7670, -8.9890, 14.2350

Triad

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



86.2800, -32.7830, 4.9210



90.6900, 33.4680, 10.2040



82.9080, -15.0810, -18.5450

Complementary

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



86.2800, -32.7830, 4.9210



102.7200, 32.7830, -4.9210

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.



86.3250, 5.7340, -15.8180



86.2800, -32.7830, 4.9210



89.6970, 31.5900, 0.1820

Square

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



86.2800, -32.7830, 4.9210



92.0840, 26.7270, 16.7350



88.5120, 21.5050, -9.7830



77.2070, -40.8480, -19.6320

Rectangle

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



86.2800, -32.7830, 4.9210



92.8890, 5.4070, 17.6550



88.5120, 21.5050, -9.7830



84.3280, -7.5160, -17.9800

Sweetspot

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



86.2800, -32.7830, 4.9210



152.9370, -12.8840, 2.2200



105.2970, -32.5940, -26.0500



75.7480, -7.9780, 1.4140



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.



86.2800, -32.7830, 4.9210



100.8080, -51.7650, 7.5230



66.9200, -22.2410, 23.1270



62.4450, -2.7510, 0.2970



50.6270, -58.5050, 8.5270



0.9290, -1.2380, 0.4100

Inverse Universe

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



83.7030, 32.5940, 26.0500



96.5410, 51.2060, 41.1740



122.0800, 22.2410, -23.1270



62.1360, 2.6130, 2.2050



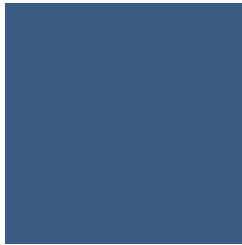
45.8240, 57.8990, 46.5310



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 86.2800, -32.7830, 4.9210 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 86.2800, -32.7830, 4.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

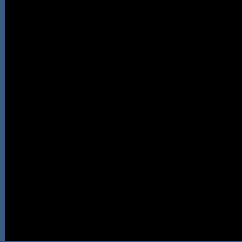
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.2800, -32.7830, 4.9210

Background



This preview shows how black text looks on a background with the YIQ color 86.2800, -32.7830, 4.9210.

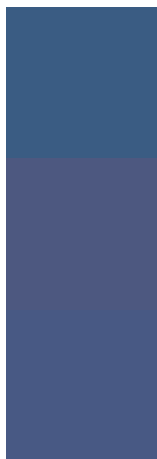


This preview shows how white text looks on a background with the YIQ color 86.2800, -32.7830,

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

86.2800, -32.7830, 4.9210

Protanopia

89.2710, -19.3960, 10.1080

Deuteranopia

88.8190, -23.9350, 9.7690



Tritanopia

83.2610, -31.7720, -7.9000

Trichromacy



Original Color

86.2800, -32.7830, 4.9210

Protanomaly

87.8790, -24.1640, 8.4120

Deuteranomaly

87.9110, -27.1900, 8.1860

Tritanomaly

84.3090, -31.7270, -3.2070

Monochromacy



Original Color

86.2800, -32.7830, 4.9210

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.0080, -11.6460, 1.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.2800, -32.7830, 4.9210 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(58, 92, 131)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 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(58, 92, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 131) }
```

Border

The CSS property to change the border of an element to YIQ 86.2800, -32.7830, 4.9210 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(58, 92, 131) }
```


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

```
.border{ border-color:rgb(58, 92, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 92, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(58, 92,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 86.2800, -32.7830, 4.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 131) }
```

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

```
.background{ background-color: rgb(58, 92,  
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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