

Converting Colors

YIQ(108.8770, -65.3810, 0.9790)

Have a look what the booklet for
YIQ(108.8770, -65.3810, 0.9790)
contains.

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Color

**YIQ(108.8770, -65.3810,
0.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7EB7
RGB	47, 126, 183
RGB Percent	18%, 49%, 72%
CMY	0.8158, 0.5057, 0.2827
CMYK	0.74, 0.31, 0.00, 0.28
HSL	205°, 59%, 45%
HSV	205°, 74%, 72%
XYZ	17.1748, 18.9493, 47.5099
YIQ	108.8770, -65.3810, 0.9790

Conversions

Conversions Part 2

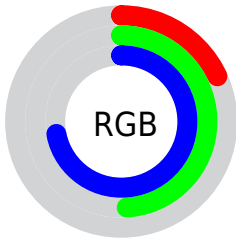
Format	Color
RYB	47, 97, 183
Decimal	3112631
CIELab	50.63, -4.51, -36.82
CIElCh	51, 37.095, 263.011
Yxy	18.9493, 0.2054, 0.2266
Android (android.graphics.Color)	4281302711 (0xFF2F7EB7)
YUV	108.8770, 36.5426, -54.2661
Hunter-Lab	43.5308, -5.7529, -34.2380

Details

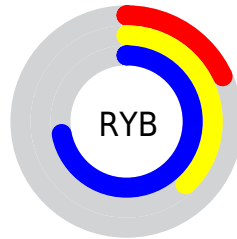
The YIQ color **108.8770, -65.3810, 0.9790** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **121.1230, 65.3810, -0.9790**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9210, -59.5130, 4.7670**, and **60.0190, -62.9050, 0.1590** is the 20% darker color. If you saturate the color by 10%, you get **98.7990, -73.9090, 1.3470**, and if you desaturate by 10%, it is **118.9550, -56.8530, 0.6110**.

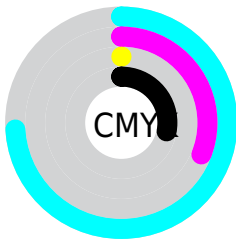
Distribution



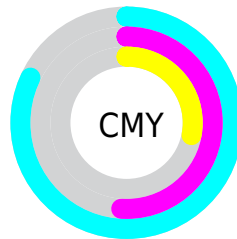
- Red (18%)
- Green (49%)
- Blue (72%)



- Red (18%)
- Yellow (38%)
- Blue (72%)



- Cyan (74%)
- Magenta (31%)
- Yellow (0%)
- Black (28%)



- Cyan (82%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.8770, -65.3810, 0.9790 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 108.8770, -65.3810, 0.9790 by changing the saturation by 10% instead.

■ 108.8770,
-65.3810, 0.9790

■ 108.8770,
-65.3810, 0.9790

■ 255.0000, -0.0000,
-0.0000

■ 77.0710, -77.8510,
-4.3070

■ 164.9210,
-59.5130, 4.7670

■ 60.0190, -62.9050,
0.1590

■ 191.8520,
-55.0650, 1.2470

■ 44.1410, -48.5090,
3.5790

■ 217.2580,
-44.8850, -7.0370

■ 29.0780, -35.0300,
7.0980

■ 238.2560,
-33.3760, -11.8720

■ 12.3680, -21.0470,
12.4970

■ 247.2260,
-15.4960, -5.5120

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 108.8770,
-65.3810, 0.9790

■ 108.8770,
-65.3810, 0.9790

■ 98.7990, -73.9090,
1.3470

■ 118.9550,
-56.8530, 0.6110

■ 89.0090, -83.3080,
0.9800

■ 128.7450,
-47.4540, 0.9780

■ 83.0840, -87.8930,
1.4750

■ 138.8230,
-38.9260, 0.6100

■ 148.9010,
-30.3980, 0.2420

■ 158.3920,
-21.5950, 0.3970

■ 168.7690,
-12.4710, 0.2410

■ 178.8470, -3.9430,
-0.1270

■ 188.3380, 4.8600,
0.0280

■ 198.7150, 13.9840,
-0.1280

Harmonies

Analogous

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



97.4510, -91.1450, -16.6890



108.8770, -65.3810, 0.9790



121.3990, -22.3320, 19.2680

Triad

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



108.8770, -65.3810, 0.9790



121.3440, 49.4220, 18.4300



110.6270, -16.0880, -27.8320

Complementary

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



108.8770, -65.3810, 0.9790



121.1230, 65.3810, -0.9790

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.



115.1870, 14.6300, -22.8580



108.8770, -65.3810, 0.9790



120.2600, 49.0580, 2.9940

Square

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



108.8770, -65.3810, 0.9790



122.7960, 36.7660, 27.5340



118.2440, 36.8190, -11.9890



96.7860, -65.0080, -33.3280

Rectangle

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



108.8770, -65.3810, 0.9790



124.0060, 1.0040, 25.8680



118.2440, 36.8190, -11.9890



112.4280, -5.2220, -26.5180

Sweetspot

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



108.8770, -65.3810, 0.9790



208.5380, -24.9420, 0.4820



133.3300, -55.6970, -53.4010



103.1000, -14.9010, 0.2270



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



108.8770, -65.3810, 0.9790



122.2550, -101.5560, 1.2920



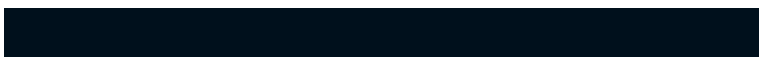
68.9610, -46.6810, 36.5430



86.9610, -4.2640, 0.1840



70.6140, -74.8260, 1.4460



12.5840, -13.3880, 0.3400

Inverse Universe

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



96.6700, 55.6970, 53.4010



103.1110, 86.2730, 82.9850



161.0390, 46.6810, -36.5430



86.2610, 3.7590, 3.4630



56.9040, 64.0860, 61.0620



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 108.8770, -65.3810, 0.9790 looks on a white 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

Black Background



This preview shows how the YIQ color 108.8770, -65.3810, 0.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

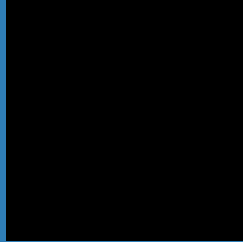
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.8770, -65.3810, 0.9790

Background



This preview shows how black text looks on a background with the YIQ color 108.8770, -65.3810, 0.9790.

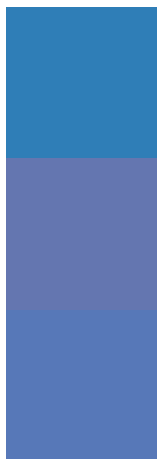


This preview shows how white text looks on a background with the YIQ color 108.8770, -65.3810,

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

108.8770, -65.3810, 0.9790

Protanopia

119.2300, -29.3460, 14.2220

Deuteranopia

117.4290, -40.2120, 12.9080



Tritanopia

94.4870, -82.7990, -24.7750

Trichromacy



Original Color

108.8770, -65.3810, 0.9790

Protanomaly

115.6520, -42.4580, 9.5580

Deuteranomaly

114.1180, -49.7020, 8.6820

Tritanomaly

99.4050, -76.3360, -15.2480

Monochromacy



Original Color

108.8770, -65.3810, 0.9790

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7230, -24.0250, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.8770, -65.3810, 0.9790 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(47, 126, 183)` looks like.

```
.text, #text, p{  
    color:rgb(47, 126, 183)  
}
```

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(47, 126, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 126, 183) }
```

Border

The CSS property to change the border of an element to YIQ 108.8770, -65.3810, 0.9790 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(47, 126, 183) }
```


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

```
.border{ border-color:rgb(47, 126, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 126, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 126, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 126, 183);  
box-shadow:4px 4px 4px 4px rgb(47, 126,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 108.8770, -65.3810, 0.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 126, 183) }
```

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

```
.background{ background-color: rgb(47, 126,  
183) }
```

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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