

Converting Colors

YIQ(103.1470, -83.0360,
18.0840)

Have a look what the booklet for
YIQ(103.1470, -83.0360, 18.0840)
contains.

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Color

**YIQ(103.1470, -83.0360,
18.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	2372E2
RGB	35, 114, 226
RGB Percent	14%, 45%, 89%
CMY	0.8628, 0.5528, 0.1141
CMYK	0.85, 0.50, 0.00, 0.11
HSL	215°, 77%, 51%
HSV	215°, 85%, 89%
XYZ	20.4261, 17.8841, 74.2506
YIQ	103.1470, -83.0360, 18.0840

Conversions

Conversions Part 2

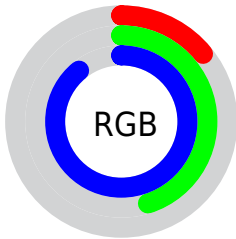
Format	Color
R_{YB}	35, 91, 226
Decimal	2323170
CIE _{Lab}	49.36, 17.79, -63.36
CIE _{LCh}	49, 65.808, 285.683
Yxy	17.8841, 0.1815, 0.1589
Android (android.graphics.Color)	4280513250 (0xFF237E2)
YUV	103.1470, 60.5665, -59.7649
Hunter-Lab	42.2897, 12.2095, -74.4964

Details

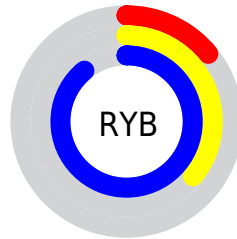
The YIQ color **103.1470, -83.0360, 18.0840** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **157.8530, 83.0360, -18.0840**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0110, -59.2860, 17.1780**, and **58.7090, -72.9950, 17.8290** is the 20% darker color. If you saturate the color by 10%, you get **88.6390, -93.1690, 20.0070**, and if you desaturate by 10%, it is **117.6550, -72.9030, 16.1610**.

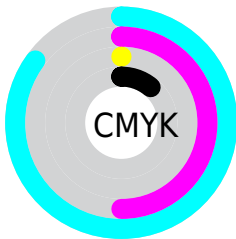
Distribution



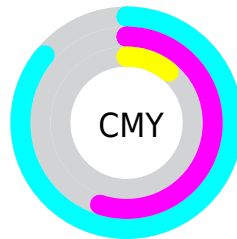
- Red (14%)
- Green (45%)
- Blue (89%)



- Red (14%)
- Yellow (36%)
- Blue (89%)



- Cyan (85%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.1470, -83.0360, 18.0840 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 103.1470, -83.0360, 18.0840 by changing the saturation by 10% instead.

■ 103.1470,
-83.0360, 18.0840

■ 103.1470,
-83.0360, 18.0840

■ 255.0000, -0.0000,
-0.0000

■ 75.2880, -87.9870,
14.1970

■ 160.0110,
-59.2860, 17.1780

■ 58.7090, -72.9950,
17.8290

■ 185.4280,
-47.6390, 9.8410

■ 43.3040, -58.5530,
20.4150

■ 211.1330,
-36.8630, 1.7690

■ 29.6600, -44.9360,
21.4320

■ 236.8380,
-26.0870, -6.3030

■ 11.5480, -29.7610,
27.2550

■ 250.2160, -9.5360,
-3.3920

■ 11.6330, -23.1110,
16.8650

■ 6.6630, -14.6280,

11.8040

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 103.1470,
-83.0360, 18.0840

■ 103.1470,
-83.0360, 18.0840

■ 88.6390, -93.1690,
20.0070

■ 117.6550,
-72.9030, 16.1610

■ 80.9420, -98.3960,
21.1240

■ 132.4510,
-63.6410, 13.5030

■ 146.9590,
-53.5080, 11.5800

■ 161.1680,
-43.9710, 9.4450

■ 175.6760,
-33.8380, 7.5220

■ 190.1840,
-23.7050, 5.5990

■ 204.9800,
-14.4430, 2.9410

■ 219.4880, -4.3100,
1.0180

■ 233.6970, 5.2270,
-1.1170

Harmonies

Analogous

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



102.6610, -108.5710, 1.7730



103.1470, -83.0360, 18.0840



119.7580, 5.5390, 48.3150

Triad

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



103.1470, -83.0360, 18.0840



110.2060, 84.6810, 12.6890



92.2120, -66.7480, -45.8520

Complementary

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



103.1470, -83.0360, 18.0840



157.8530, 83.0360, -18.0840

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.



94.9950, -21.0810, -52.9930



103.1470, -83.0360, 18.0840



110.6710, 68.8690, -20.1470

Square

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



103.1470, -83.0360, 18.0840



106.9440, 83.8040, 45.1160



107.1730, 34.4400, -40.4720



99.9980, -85.9160, -28.8600

Rectangle

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



103.1470, -83.0360, 18.0840



115.7210, 42.4920, 55.9320



107.1730, 34.4400, -40.4720



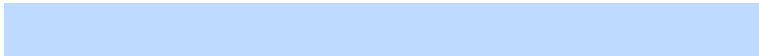
89.3450, -60.0530, -51.5490

Sweetspot

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



103.1470, -83.0360, 18.0840



214.1450, -27.9690, 5.7830



159.7710, -88.1560, -65.3720



102.8380, -16.9190, 3.7610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



103.1470, -83.0360, 18.0840



91.2920, -111.0050, 23.8670



61.5580, -51.7750, 62.7930



105.1890, -4.9060, 0.8060



62.9150, -76.5710, 16.5570



17.2120, -20.9080, 4.4680

Inverse Universe

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



101.1150, 88.4770, 65.0610



88.3290, 117.9540, 87.0260



199.4420, 51.7750, -62.7930



104.8590, 4.9510, 3.8870



60.9460, 81.4630, 60.0150



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 103.1470, -83.0360, 18.0840 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 103.1470, -83.0360, 18.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

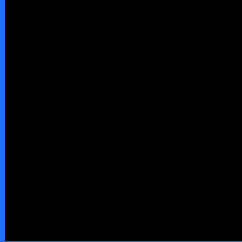
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

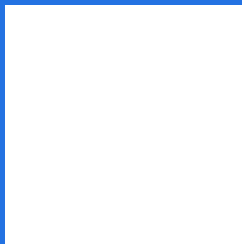
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 103.1470, -83.0360, 18.0840

Background



This preview shows how black text looks on a background with the YIQ color 103.1470, -83.0360, 18.0840.



This preview shows how white text looks on a background with the YIQ color 103.1470, -83.0360,

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

103.1470, -83.0360, 18.0840

Protanopia

107.4150, -71.9870, 21.5890

Deuteranopia

93.5650, -99.4930, 2.4510



Tritanopia

92.0420, -80.0480, -25.0720

Trichromacy



Original Color

103.1470, -83.0360, 18.0840

Protanomaly

105.7350, -75.8840, 20.6280

Deuteranomaly

97.0760, -93.4420, 8.4300

Tritanomaly

96.0550, -80.9220, -9.2260

Monochromacy



Original Color

103.1470, -83.0360, 18.0840

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0030, -30.4450, 6.6030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1470, -83.0360, 18.0840 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(35, 114, 226)` looks like.

```
.text, #text, p{  
    color:rgb(35, 114, 226)  
}
```

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(35, 114, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 114, 226) }
```

Border

The CSS property to change the border of an element to YIQ 103.1470, -83.0360, 18.0840 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(35, 114, 226) }
```


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

```
.border{ border-color:rgb(35, 114, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 114, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 114, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 114, 226);  
box-shadow:4px 4px 4px 4px rgb(35, 114,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1470, -83.0360, 18.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 114, 226) }
```

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

```
.background{ background-color: rgb(35, 114,  
226) }
```

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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