

Converting Colors

YIQ(164.0720, -36.0340,
-18.7700)

Have a look what the booklet for
YIQ(164.0720, -36.0340, -18.7700)
contains.

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Color

**YIQ(164.0720, -36.0340,
-18.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	76BAAC
RGB	118, 186, 172
RGB Percent	46%, 73%, 67%
CMY	0.5374, 0.2705, 0.3256
CMYK	0.37, 0.00, 0.08, 0.27
HSL	168°, 33%, 60%
HSV	168°, 37%, 73%
XYZ	32.4734, 41.9556, 45.3995
YIQ	164.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

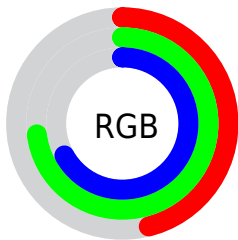
Format	Color
R _Y B	118, 156, 186
Decimal	7781036
CIE Lab	70.84, -24.77, 0.31
CIE LCh	71, 24.771, 179.283
Yxy	41.9556, 0.2710, 0.3501
Android (android.graphics.Color)	4285971116 (0xFF76BAAC)
YUV	164.0720, 3.9085, -40.4051
Hunter-Lab	64.7732, -23.8638, 3.7849

Details

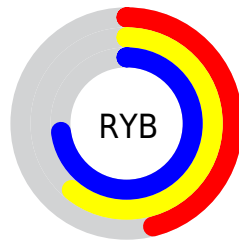
The YIQ color **164.0720, -36.0340, -18.7700** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.9280, 36.0340, 18.7700**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6590, -36.3090, -19.2930**, and **111.1860, -36.3550, -18.4590** is the 20% darker color. If you saturate the color by 10%, you get **157.9350, -46.0740, -24.0420**, and if you desaturate by 10%, it is **170.2090, -25.9940, -13.4980**.

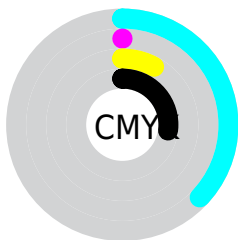
Distribution



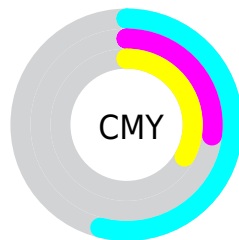
- Red (46%)
- Green (73%)
- Blue (67%)



- Red (46%)
- Yellow (61%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.0720, -36.0340, -18.7700 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 164.0720, -36.0340, -18.7700 by changing the saturation by 10% instead.

■ 164.0720,
-36.0340, -18.7700

■ 164.0720,
-36.0340, -18.7700

■ 255.0000, -0.0000,
-0.0000

■ 137.0720,
-36.0340, -18.7700

■ 219.6590,
-36.3090, -19.2930

■ 111.1860,
-36.3550, -18.4590

■ 238.8540,
-32.1840, -11.4480

■ 85.0010, -37.2720,
-18.3600

■ 247.5250,
-14.9000, -5.3000

■ 57.1140, -45.0200,
-21.1160

■ 40.2190, -31.9540,
-15.6180

■ 24.9110, -19.1630,
-10.6430

■ 3.7500, -2.2920,

-2.5160

■ 0.0000, 0.0000,
0.0000

■ 164.0720,
-36.0340, -18.7700

■ 164.0720,
-36.0340, -18.7700

■ 157.9350,
-46.0740, -24.0420

■ 170.2090,
-25.9940, -13.4980

■ 152.0970,
-55.5180, -29.1020

■ 176.0470,
-16.5500, -8.4380

■ 145.9600,
-65.5580, -34.3740

■ 182.0700, -6.1890,
-3.4770

■ 140.2360,
-75.3230, -39.1230

■ 187.9080, 3.2550,
1.5830

■ 134.0990,
-85.3630, -44.3950

■ 194.0450, 13.2950,
6.8550

■ 127.9620,
-95.4030, -49.6670

■ 200.1820, 23.3350,
12.1270

■ 126.0540,
-98.6580, -51.2500

■ 206.0200, 32.7790,
17.1870

■ 208.5690, 35.6670,
19.9150

■ 209.0250, 34.3830,
21.1590

Harmonies

Analogous

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



167.2670, -14.7140, -19.6900



164.0720, -36.0340, -18.7700



163.1170, -49.1020, -13.2140

Triad

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



164.0720, -36.0340, -18.7700



175.5220, -9.6770, 15.6910



174.1490, 36.1290, 0.5210

Complementary

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



164.0720, -36.0340, -18.7700



139.9280, 36.0340, 18.7700

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.



176.1420, 38.0070, 10.5430



164.0720, -36.0340, -18.7700



177.3630, 12.8800, 19.8880

Square

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



164.0720, -36.0340, -18.7700



171.5190, -31.9580, 6.4900



176.9920, 29.9820, 18.3180



172.6650, 25.4480, -9.6560

Rectangle

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



164.0720, -36.0340, -18.7700



164.5070, -50.0200, -7.5880



176.9920, 29.9820, 18.3180



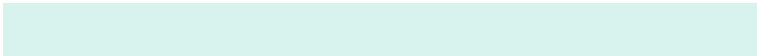
175.0400, 38.0540, 4.1820

Sweetspot

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



164.0720, -36.0340, -18.7700



233.6560, -13.8910, -7.0670



162.4010, -9.7600, -32.3840



116.8740, -8.5730, -4.3250



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



164.0720, -36.0340, -18.7700



207.7980, -56.1140, -29.3140



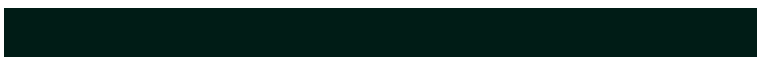
154.5150, -35.3030, -4.4790



89.0810, -4.7220, -2.5300



105.5940, -82.3830, -43.3350



18.9440, -14.7620, -7.8020

Inverse Universe

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



139.9280, 36.0340, 18.7700



170.2020, 56.1140, 29.3140



149.4850, 35.3030, 4.4790



85.9190, 4.7220, 2.5300



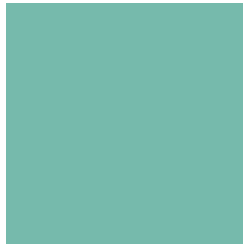
50.2920, 82.7040, 43.0240



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 164.0720, -36.0340, -18.7700 looks on a white background.

Color Contrast Check

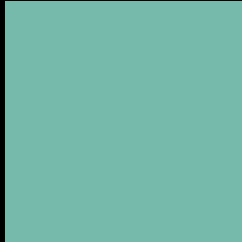
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 164.0720, -36.0340, -18.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

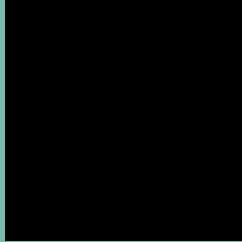
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.0720, -36.0340, -18.7700 Background



This preview shows how black text looks on a background with the YIQ color 164.0720, -36.0340, -18.7700.



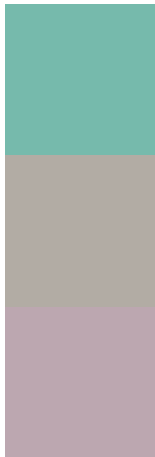
This preview shows how white text looks on a background with the YIQ color 164.0720, -36.0340, -18.7700.

-18.7700.

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

164.0720, -36.0340, -18.7700

Protanopia

172.8820, 6.1440, -1.2160

Deuteranopia

174.3050, 9.6270, 7.2510



Tritanopia

166.3680, -39.3830, -7.6310

Trichromacy



Original Color

164.0720, -36.0340, -18.7700

Protanomaly

169.5810, -9.3060, -7.5620

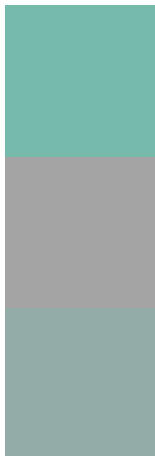
Deuteranomaly

170.8250, -6.8770, -2.0210

Tritanomaly

165.3310, -37.9610, -11.3770

Monochromacy



Original Color

164.0720, -36.0340, -18.7700

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9550, -13.2950, -6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.0720, -36.0340, -18.7700 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(118, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(118, 186, 172)  
}
```

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(118, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 186, 172) }
```

Border

The CSS property to change the border of an element to YIQ 164.0720, -36.0340, -18.7700 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(118, 186, 172) }
```


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

```
.border{ border-color:rgb(118, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(118, 186,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 164.0720, -36.0340, -18.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 186, 172) }
```

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

```
.background{ background-color: rgb(118,  
186, 172) }
```

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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