

Converting Colors

YIQ(52.6780, -18.9840, 13.6560)

Have a look what the booklet for
YIQ(52.6780, -18.9840, 13.6560)
contains.

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Color

**YIQ(52.6780, -18.9840,
13.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3161
RGB	43, 49, 97
RGB Percent	17%, 19%, 38%
CMY	0.8313, 0.8078, 0.6197
CMYK	0.56, 0.49, 0.00, 0.62
HSL	233°, 39%, 27%
HSV	233°, 56%, 38%
XYZ	4.2512, 3.5731, 11.7679
YIQ	52.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

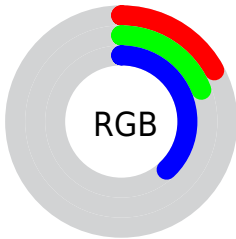
Format	Color
R_{YB}	43, 48, 97
Decimal	2830689
CIE _{Lab}	22.21, 12.80, -29.39
CIE _{LCh}	22, 32.060, 293.533
Yxy	3.5731, 0.2170, 0.1824
Android (android.graphics.Color)	4281020769 (0xFF2B3161)
YUV	52.6780, 21.8507, -8.4876
Hunter-Lab	18.9025, 7.0652, -23.6795

Details

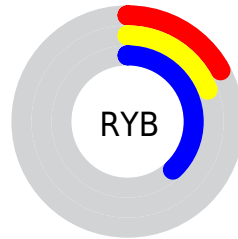
The YIQ color **52.6780, -18.9840, 13.6560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.3220, 18.9840, -13.6560**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.4440, -18.2050, 16.0590**, and **6.8740, -16.6000, 14.5040** is the 20% darker color. If you saturate the color by 10%, you get **44.4050, -22.4690, 16.2430**, and if you desaturate by 10%, it is **60.9510, -15.4990, 11.0690**.

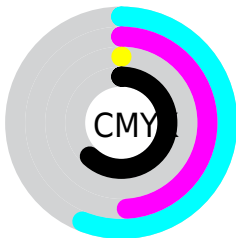
Distribution



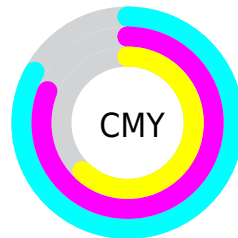
- Red (17%)
- Green (19%)
- Blue (38%)



- Red (17%)
- Yellow (19%)
- Blue (38%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)
- Black (62%)



- Cyan (83%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6780, -18.9840, 13.6560 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 52.6780, -18.9840, 13.6560 by changing the saturation by 10% instead.

■ 52.6780, -18.9840,
13.6560

■ 52.6780, -18.9840,
13.6560

■ 255.0000, -0.0000,
-0.0000

■ 29.8410, -21.0010,
11.6630

■ 100.4440,
-18.2050, 16.0590

■ 6.8740, -16.6000,
14.5040

■ 125.9710,
-18.2510, 16.8930

■ 4.3660, -9.5380,
7.6620

■ 151.4980,
-18.2970, 17.7270

■ 0.0000, 0.0000,
0.0000

■ 178.7260,
-18.9390, 18.3490

■ 205.6830,
-17.3800, 17.6280

■ 230.7900, -7.7960,

■ 52.6780, -18.9840,
13.6560

■ 52.6780, -18.9840,
13.6560

■ 44.4050, -22.4690,
16.2430

■ 60.9510, -15.4990,
11.0690

■ 37.0180, -25.6330,
18.5190

■ 68.3380, -12.3350,
8.7930

■ 28.7450, -29.1180,
21.1060

■ 76.6110, -8.8500,
6.2060

■ 21.0590, -32.8780,
23.1700

■ 84.2970, -5.0900,
4.1420

■ 17.5150, -34.1620,
24.4140

■ 92.2710, -2.2010,
1.3430

■ 100.5440, 1.2840,
-1.2440

■ 108.2300, 5.0440,
-3.3080

■ 116.5030, 8.5290,
-5.8950

■ 124.4770, 11.4180,
-8.6940

Harmonies

Analogous

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



44.8590, -47.7750, 1.2890



52.6780, -18.9840, 13.6560



54.6770, 9.1200, 21.9520

Triad

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



52.6780, -18.9840, 13.6560



50.7900, 35.7620, 1.6660



42.9260, -32.6870, -18.8550

Complementary

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



52.6780, -18.9840, 13.6560



87.3220, 18.9840, -13.6560

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.



42.9030, -16.6850, -22.5170



52.6780, -18.9840, 13.6560



49.9810, 27.3740, -11.5220

Square

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



52.6780, -18.9840, 13.6560



50.7060, 36.5390, 15.1230



47.8540, 11.3740, -18.9140



45.6620, -40.3910, -11.3910

Rectangle

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



52.6780, -18.9840, 13.6560



53.0330, 22.7370, 22.9690



47.8540, 11.3740, -18.9140



41.4270, -29.8440, -20.8200

Sweetspot

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



52.6780, -18.9840, 13.6560



107.5680, -7.2910, 5.4850



80.1700, -30.2580, -13.3140



53.0690, -4.4480, 3.5200



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



52.6780, -18.9840, 13.6560



56.4460, -29.7140, 20.8940



55.4350, -4.8180, 21.2460



44.4560, -1.2840, 1.2440



19.8120, -39.2520, 28.5560



43.2090, -84.4650, 60.5190

Inverse Universe

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



59.8300, 30.2580, 13.3140



67.2560, 46.8540, 20.9180



84.5650, 4.8180, -21.2460



45.1960, 2.3840, 0.8480



34.8560, 62.9000, 27.4760



74.8380, 134.3730, 59.2770

Previews

White Background



This preview shows how the YIQ color 52.6780, -18.9840, 13.6560 looks on a white background.

Color Contrast Check

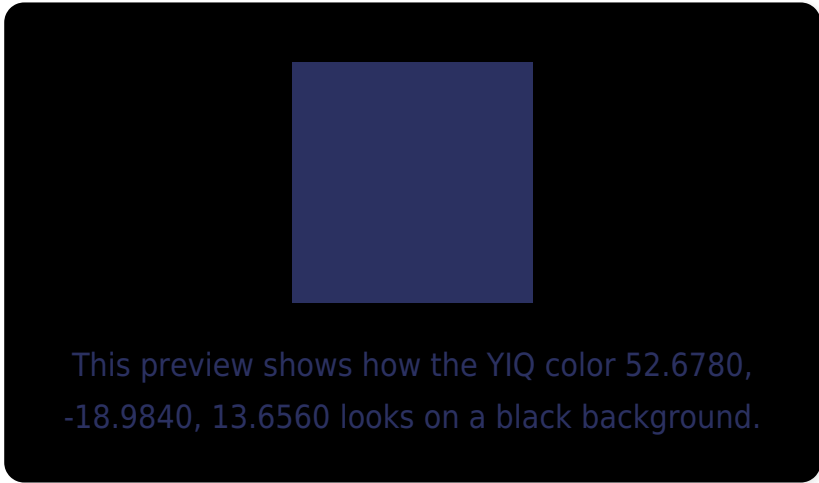
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

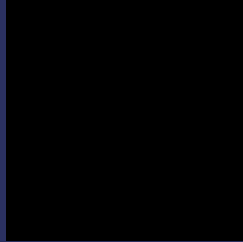
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.6780, -18.9840, 13.6560

Background



This preview shows how black text looks on a background with the YIQ color 52.6780, -18.9840, 13.6560.



This preview shows how white text looks on a background with the YIQ color 52.6780, -18.9840,

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

52.6780, -18.9840, 13.6560

Protanopia

50.2960, -29.7120, 9.8400

Deuteranopia

44.7350, -41.4940, 3.0980



Tritanopia

49.4970, -17.6970, -4.1690

Trichromacy



Original Color

52.6780, -18.9840, 13.6560

Protanomaly

51.0900, -26.1360, 11.1120

Deuteranomaly

47.4480, -33.1960, 6.9000

Tritanomaly

50.7130, -18.0650, 2.5030

Monochromacy



Original Color

52.6780, -18.9840, 13.6560

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0410, -7.2450, 4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6780, -18.9840, 13.6560 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(43, 49, 97)` looks like.

```
.text, #text, p{  
    color:rgb(43, 49, 97)  
}
```

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(43, 49, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 49, 97) }
```

Border

The CSS property to change the border of an element to YIQ 52.6780, -18.9840, 13.6560 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(43, 49, 97) }
```


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

```
.border{ border-color:rgb(43, 49, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 49, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 49, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 49, 97);  
box-shadow:4px 4px 4px 4px rgb(43, 49, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.6780, -18.9840, 13.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 49, 97) }
```

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

```
.background{ background-color: rgb(43, 49,  
97) }
```

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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