

Converting Colors

YIQ(23.4960, -6.7880, 12.8920)

Have a look what the booklet for
YIQ(23.4960, -6.7880, 12.8920)
contains.

YIQ(23.4960, -6.7880, 12.8920)	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(23.4960, -6.7880,
12.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	191135
RGB	25, 17, 53
RGB Percent	10%, 7%, 21%
CMY	0.9019, 0.9333, 0.7922
CMYK	0.53, 0.68, 0.00, 0.79
HSL	253°, 51%, 14%
HSV	253°, 68%, 21%
XYZ	1.2438, 0.8645, 3.4678
YIQ	23.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

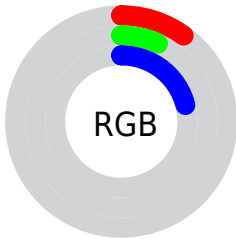
Format	Color
RYB	25, 17, 53
Decimal	1642805
CIELab	7.81, 15.20, -22.35
CIElCh	8, 27.026, 304.228
Yxy	0.8645, 0.2231, 0.1550
Android (android.graphics.Color)	4279832885 (0xFF191135)
YUV	23.4960, 14.5455, 1.3190
Hunter-Lab	9.2979, 7.6077, -15.6044

Details

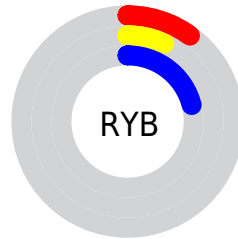
The YIQ color **23.4960, -6.7880, 12.8920** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.5040, 6.7880, -12.8920**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **67.2620, -6.0090, 15.2950**, and **0.3420, -0.9630, 0.9330** is the 20% darker color. If you saturate the color by 10%, you get **19.3650, -7.7970, 14.6590**, and if you desaturate by 10%, it is **27.6270, -5.7790, 11.1250**.

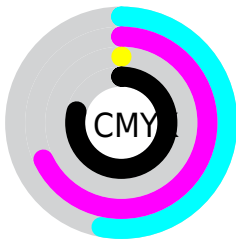
Distribution



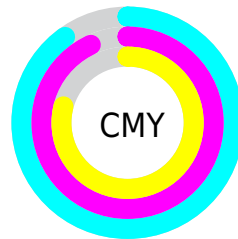
- Red (10%)
- Green (7%)
- Blue (21%)



- Red (10%)
- Yellow (7%)
- Blue (21%)



- Cyan (53%)
- Magenta (68%)
- Yellow (0%)
- Black (79%)



- Cyan (90%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.4960, -6.7880, 12.8920 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 23.4960, -6.7880, 12.8920 by changing the saturation by 10% instead.

■ 23.4960, -6.7880,
12.8920

■ 23.4960, -6.7880,
12.8920

■ 246.7820, 3.8500,
7.3220

■ 3.6480, -10.2720,
9.9520

■ 67.2620, -6.0090,
15.2950

■ 0.3420, -0.9630,
0.9330

■ 90.7890, -6.0550,
16.1290

■ 0.0000, 0.0000,
0.0000

■ 115.3160, -6.1010,
16.9630

■ 141.4300, -6.4220,
17.2740

■ 167.8430, -6.1470,
17.7970

■ 195.3700, -6.1930,

18.6310

■ 221.9850, -3.6710,
16.9770

■ 23.4960, -6.7880,
12.8920

■ 23.4960, -6.7880,
12.8920

■ 19.3650, -7.7970,
14.6590

■ 27.6270, -5.7790,
11.1250

■ 14.6470, -8.5310,
16.9490

■ 32.3450, -5.0450,
8.8350

■ 10.5160, -9.5400,
18.7160

■ 36.4760, -4.0360,
7.0680

■ 9.6300, -9.8610,
19.0270

■ 40.6070, -3.0270,
5.3010

■ 45.0370, -1.4220,
3.7460

■ 49.7550, -0.6880,
1.4560

■ 53.8860, 0.3210,
-0.3110

■ 58.0170, 1.3300,
-2.0780

■ 62.7350, 2.0640,
-4.3680

Harmonies

Analogous

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



21.4010, -25.8140, 5.2740



23.4960, -6.7880, 12.8920



21.7220, 13.2470, 18.7430

Triad

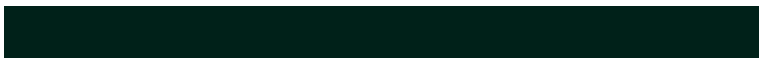
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.4960, -6.7880, 12.8920



21.9500, 20.6320, 0.5360



22.2210, -17.1000, -9.4840

Complementary

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



23.4960, -6.7880, 12.8920



46.5040, 6.7880, -12.8920

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.



18.1970, -8.5250, -16.2130



23.4960, -6.7880, 12.8920



21.8730, 10.3630, -6.0930

Square

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



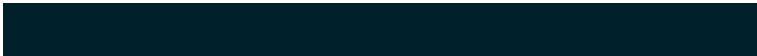
23.4960, -6.7880, 12.8920



19.0700, 29.3420, 7.8860



17.6320, -5.3160, -13.7960



23.6860, -22.6030, -3.3630

Rectangle

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



23.4960, -6.7880, 12.8920



19.8000, 21.7750, 18.3750



17.6320, -5.3160, -13.7960



21.4230, -14.8530, -11.6610

Sweetspot

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



23.4960, -6.7880, 12.8920



57.4930, -2.7060, 4.9900



37.5400, -19.2560, -3.4480



28.6240, -1.6970, 3.2230



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



23.4960, -6.7880, 12.8920



22.3850, -10.5490, 20.4830



28.8780, 3.9400, 16.7080



23.6410, -0.3670, 1.1450



16.1260, -16.6490, 31.9190



39.0900, -41.0490, 77.6630

Inverse Universe

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



30.9560, 12.4680, 16.3400



34.0590, 19.8480, 25.7680



41.1220, -3.9400, -16.7080



24.1250, 1.1460, 1.2580



34.4770, 30.8950, 40.3270



84.0350, 75.4040, 98.2520

Previews

White Background



This preview shows how the YIQ color 23.4960, -6.7880, 12.8920 looks on a white background.

Color Contrast Check

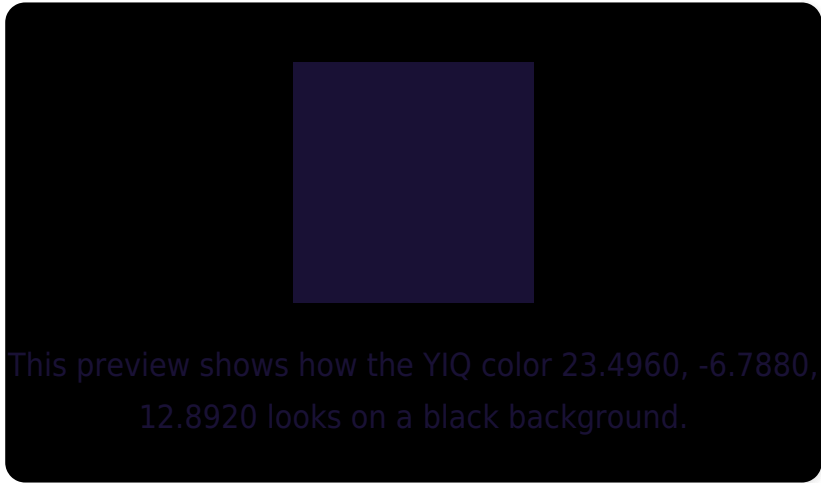
Large Text (above 18pt) WCAG AA ✓ Pass

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

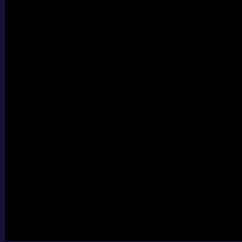
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.4960, -6.7880, 12.8920

Background



This preview shows how black text looks on a background with the YIQ color 23.4960, -6.7880, 12.8920.



This preview shows how white text looks on a background with the YIQ color 23.4960, -6.7880,

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

23.4960, -6.7880, 12.8920

Protanopia

19.0870, -22.0540, 3.2100

Deuteranopia

18.8760, -20.0820, 0.5100



Tritanopia

22.8360, -5.4100, -1.0740

Trichromacy



Original Color

23.4960, -6.7880, 12.8920

Protanomaly

20.7180, -16.4610, 6.4750

Deuteranomaly

20.2620, -15.1770, 5.2310

Tritanomaly

22.9980, -5.6860, 3.9300

Monochromacy



Original Color

23.4960, -6.7880, 12.8920

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.3790, -2.3850, 4.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.4960, -6.7880, 12.8920 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(25, 17, 53)` looks like.

```
.text, #text, p{  
    color:rgb(25, 17, 53)  
}
```

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(25, 17, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 17, 53) }
```

Border

The CSS property to change the border of an element to YIQ 23.4960, -6.7880, 12.8920 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(25, 17, 53) }
```


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

```
.border{ border-color:rgb(25, 17, 53) }
```

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

Here you see how a box with a 4 pixel rgb(25, 17, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 17, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 17, 53);  
box-shadow:4px 4px 4px 4px rgb(25, 17, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 23.4960, -6.7880, 12.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 17, 53) }
```

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

```
.background{ background-color: rgb(25, 17,  
53) }
```

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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