

Converting Colors

YIQ(96.7520, -13.8010, 2.3190)

Have a look what the booklet for
YIQ(96.7520, -13.8010, 2.3190)
contains.

YIQ(96.7520, -13.8010, 2.3190)	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(96.7520, -13.8010,
2.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	556374
RGB	85, 99, 116
RGB Percent	33%, 39%, 45%
CMY	0.6667, 0.6117, 0.5452
CMYK	0.27, 0.15, 0.00, 0.55
HSL	213°, 15%, 39%
HSV	213°, 27%, 45%
XYZ	11.3596, 12.1164, 18.2577
YIQ	96.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

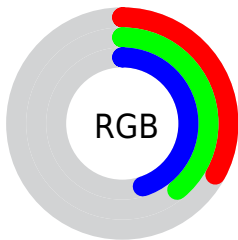
Format	Color
R_{YB}	85, 95, 116
Decimal	5596020
CIE _{Lab}	41.40, -1.13, -11.32
CIE _{LCh}	41, 11.377, 264.314
Yxy	12.1164, 0.2722, 0.2903
Android (android.graphics.Color)	4283786100 (0xFF556374)
YUV	96.7520, 9.4893, -10.3065
Hunter-Lab	34.8086, -2.6627, -6.7326

Details

The YIQ color **96.7520, -13.8010, 2.3190** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.2480, 13.8010, -2.3190**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5670, -14.7180, 2.4180**, and **50.5240, -13.1590, 1.6970** is the 20% darker color. If you saturate the color by 10%, you get **89.6420, -19.3030, 2.9130**, and if you desaturate by 10%, it is **103.8620, -8.2990, 1.7250**.

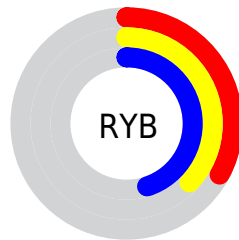
Distribution



Red (33%)

Green (39%)

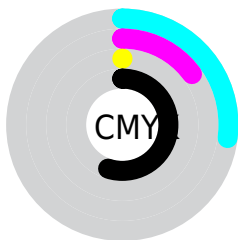
Blue (45%)



Red (33%)

Yellow (37%)

Blue (45%)

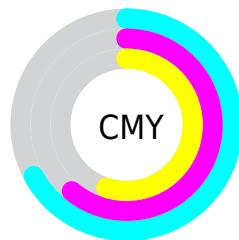


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7520, -13.8010, 2.3190 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 96.7520, -13.8010, 2.3190 by changing the saturation by 10% instead.

■ 96.7520, -13.8010,
2.3190

■ 96.7520, -13.8010,
2.3190

■ 255.0000, -0.0000,
-0.0000

■ 72.6380, -13.4800,
2.0080

■ 147.5670,
-14.7180, 2.4180

■ 50.5240, -13.1590,
1.6970

■ 173.9800,
-14.4430, 2.9410

■ 28.5240, -13.1590,
1.6970

■ 201.6810,
-15.0390, 2.7290

■ 6.9590, -9.9500,
4.1140

■ 229.7950,
-15.3600, 3.0400

■ 0.0000, 0.0000,
0.0000

■ 252.0100, -5.9600,
-2.1200

■ 96.7520, -13.8010,
2.3190

■ 96.7520, -13.8010,
2.3190

■ 89.6420, -19.3030,
2.9130

■ 103.8620, -8.2990,
1.7250

■ 82.2440, -23.9340,
4.2420

■ 111.2600, -3.6680,
0.3960

■ 75.1340, -29.4360,
4.8360

■ 118.3700, 1.8340,
-0.1980

■ 68.3230, -34.3420,
5.6420

■ 125.1810, 6.7400,
-1.0040

■ 60.6260, -39.5690,
6.7590

■ 132.8780, 11.9670,
-2.1210

■ 53.5160, -45.0710,
7.3530

■ 139.9880, 17.4690,
-2.7150

■ 46.7050, -49.9770,
8.1590

■ 146.7990, 22.3750,
-3.5210

■ 43.7480, -51.5360,

■ 154.4960, 27.6020,

8.8800

-4.6380

■ 161.3070, 32.5080,
-5.4440

Harmonies

Analogous

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



95.3660, -18.7060, -2.4020



96.7520, -13.8010, 2.3190



98.4650, -5.5030, 6.1210

Triad

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



96.7520, -13.8010, 2.3190



98.6600, 15.8170, 5.2010



95.5060, -4.7210, -8.0570

Complementary

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



96.7520, -13.8010, 2.3190



104.2480, 13.8010, -2.3190

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.



96.3500, 4.5860, -6.0220



96.7520, -13.8010, 2.3190



98.1390, 15.7260, 1.3420

Square

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



96.7520, -13.8010, 2.3190



99.2020, 11.4150, 7.8870



97.3510, 12.0130, -2.9550



94.3140, -12.9280, -8.0000

Rectangle

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



96.7520, -13.8010, 2.3190



99.2270, 1.0990, 7.6190



97.3510, 12.0130, -2.9550



95.7730, -1.0990, -7.6190

Sweetspot

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



96.7520, -13.8010, 2.3190



142.8900, -5.5020, 0.5940



105.1350, -13.9820, -10.9260



71.6730, -3.3930, 0.9190



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



96.7520, -13.8010, 2.3190



120.3860, -21.4580, 3.4220



88.8330, -9.3550, 9.8530



54.8580, -2.4760, 0.8200



46.1930, -54.2870, 9.1770



94.8310, -111.3250, 18.6510

Inverse Universe

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



95.8650, 13.9820, 10.9260



118.8600, 21.5460, 17.0180



112.1670, 9.3550, -9.8530



55.0220, 2.9340, 1.8940



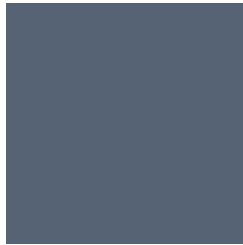
42.7480, 55.0570, 42.9690



87.6320, 112.7270, 88.1430

Previews

White Background



This preview shows how the YIQ color 96.7520, -13.8010, 2.3190 looks on a white background.

Color Contrast Check

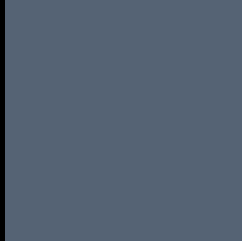
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.7520, -13.8010, 2.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

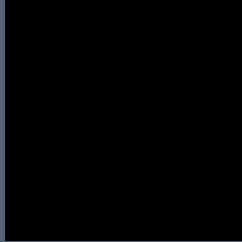
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

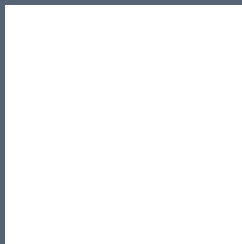
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.7520, -13.8010, 2.3190

Background



This preview shows how black text looks on a background with the YIQ color 96.7520, -13.8010, 2.3190.

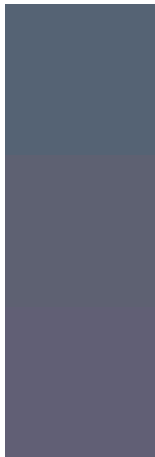


This preview shows how white text looks on a background with the YIQ color 96.7520, -13.8010,

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

96.7520, -13.8010, 2.3190

Protanopia

98.0410, -7.2450, 4.6510

Deuteranopia

98.1060, -5.8700, 7.2660



Tritanopia

95.8290, -12.7000, -1.1160

Trichromacy



Original Color

96.7520, -13.8010, 2.3190

Protanomaly

97.8450, -9.6290, 3.8030

Deuteranomaly

97.4970, -8.5290, 5.8950

Tritanomaly

96.4700, -13.0670, 0.0290

Monochromacy



Original Color

96.7520, -13.8010, 2.3190

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1890, -4.9060, 0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7520, -13.8010, 2.3190 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(85, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(85, 99, 116)  
}
```

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(85, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 99, 116) }
```

Border

The CSS property to change the border of an element to YIQ 96.7520, -13.8010, 2.3190 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(85, 99, 116) }
```


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

```
.border{ border-color:rgb(85, 99, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 99, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(85, 99,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7520, -13.8010, 2.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 99, 116) }
```

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

```
.background{ background-color: rgb(85, 99,  
116) }
```

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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