

Converting Colors

YIQ(96.7260, -1.7440, 9.5840)

Have a look what the booklet for
YIQ(96.7260, -1.7440, 9.5840)
contains.

YIQ(96.7260, -1.7440, 9.5840)	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(96.7260, -1.7440,
9.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	655B73
RGB	101, 91, 115
RGB Percent	40%, 36%, 45%
CMY	0.6039, 0.6431, 0.5490
CMYK	0.12, 0.21, 0.00, 0.55
HSL	265°, 12%, 40%
HSV	265°, 21%, 45%
XYZ	12.2028, 11.4864, 17.7916
YIQ	96.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

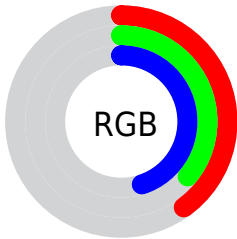
Format	Color
R_{YB}	101, 91, 115
Decimal	6642547
CIE _{Lab}	40.39, 9.19, -12.12
CIE _{LCh}	40, 15.208, 307.161
Yxy	11.4864, 0.2942, 0.2769
Android (android.graphics.Color)	4284832627 (0xFF655B73)
YUV	96.7260, 9.0091, 3.7483
Hunter-Lab	33.8916, 4.9594, -7.4006

Details

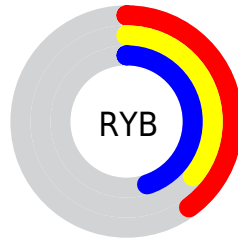
The YIQ color **96.7260, -1.7440, 9.5840** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.2740, 1.7440, -9.5840**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2530, -1.7900, 10.4180**, and **50.1990, -1.6980, 8.7500** is the 20% darker color. If you saturate the color by 10%, you get **87.5890, -2.6160, 14.3760**, and if you desaturate by 10%, it is **105.2760, -0.5970, 5.3150**.

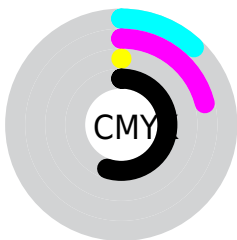
Distribution



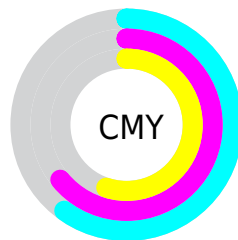
- Red (40%)
- Green (36%)
- Blue (45%)



- Red (40%)
- Yellow (36%)
- Blue (45%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7260, -1.7440, 9.5840 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 96.7260, -1.7440, 9.5840 by changing the saturation by 10% instead.

■ 96.7260, -1.7440,
9.5840

■ 96.7260, -1.7440,
9.5840

■ 255.0000, -0.0000,
-0.0000

■ 73.1990, -1.6980,
8.7500

■ 147.2530, -1.7900,
10.4180

■ 50.1990, -1.6980,
8.7500

■ 174.2530, -1.7900,
10.4180

■ 29.3730, -2.2480,
7.7040

■ 201.3670, -2.1110,
10.7290

■ 6.1390, -1.4690,
10.1070

■ 229.7800, -1.8360,
11.2520

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1000,
2.0920

96.7260, -1.7440,
9.5840

96.7260, -1.7440,
9.5840

87.5890, -2.6160,
14.3760

105.2760, -0.5970,
5.3150

79.3380, -3.1670,
18.8570

114.1140, -0.3210,
0.3110

70.7880, -4.3140,
23.1260

122.6640, 0.8260,
-3.9580

61.6510, -5.1860,
27.9180

131.8010, 1.6980,
-8.7500

53.4000, -5.7370,
32.3990

140.3510, 2.8450,
-13.0190

44.2630, -6.6090,
37.1910

149.1890, 3.1210,
-18.0230

35.7130, -7.7560,
41.4600

157.7390, 4.2680,
-22.2920

27.4620, -8.3070,

166.8760, 5.1400,

45.9410

-27.0840

■ 175.1270, 5.6910,
-31.5650

Harmonies

Analogous

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



94.5610, -14.5810, 5.4430



96.7260, -1.7440, 9.5840



97.7120, 10.0390, 10.7990

Triad

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



96.7260, -1.7440, 9.5840



95.5260, 18.8900, -0.9340



89.8830, -21.9600, -9.5120

Complementary

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



96.7260, -1.7440, 9.5840



109.2740, 1.7440, -9.5840

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.



91.1030, -10.9560, -10.7000



96.7260, -1.7440, 9.5840



94.0580, 11.2800, -6.1920

Square

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



96.7260, -1.7440, 9.5840



96.7700, 21.3190, 4.6070



92.9750, 1.1480, -9.7960



90.3540, -27.6000, -6.4160

Rectangle

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



96.7260, -1.7440, 9.5840



97.1210, 16.1370, 10.4170



92.9750, 1.1480, -9.7960



90.3240, -18.8880, -10.1200

Sweetspot

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



96.7260, -1.7440, 9.5840



143.2220, -0.5050, 3.6470



101.9540, -11.5540, 0.1420



72.2820, -0.7340, 2.2900



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.



96.7260, -1.7440, 9.5840



122.0020, -2.3410, 14.8990



100.3140, 5.4080, 12.1280



54.2820, -0.7340, 2.2900



29.1570, -8.7660, 48.7540



59.5960, -18.2660, 99.7980

Inverse Universe

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



99.7720, 9.8100, 9.4420



126.5710, 14.9900, 14.6860



105.6860, -5.4080, -12.1280



55.1360, 2.6130, 2.2050



44.5720, 49.9210, 47.9450



91.3940, 102.1340, 98.4060

Previews

White Background



This preview shows how the YIQ color 96.7260, -1.7440, 9.5840 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 96.7260, -1.7440, 9.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

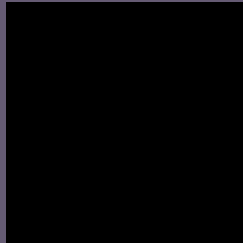
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.7260, -1.7440, 9.5840

Background



This preview shows how black text looks on a background with the YIQ color 96.7260, -1.7440, 9.5840.



This preview shows how white text looks on a background with the YIQ color 96.7260, -1.7440,

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

96.7260, -1.7440, 9.5840

Protanopia

95.4260, -9.7670, 6.3050

Deuteranopia

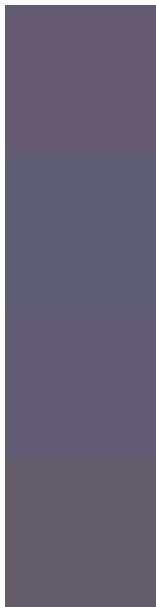
96.1060, -5.8700, 7.2660



Tritanopia

96.2930, 0.7330, 3.2370

Trichromacy



Original Color

96.7260, -1.7440, 9.5840

Protanomaly

95.9210, -6.7870, 7.3650

Deuteranomaly

96.1170, -4.4030, 8.2130

Tritanomaly

96.5750, -0.0010, 5.5270

Monochromacy



Original Color

96.7260, -1.7440, 9.5840

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7260, -1.7440, 9.5840 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(101, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(101, 91, 115)  
}
```

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(101, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 91, 115) }
```

Border

The CSS property to change the border of an element to YIQ 96.7260, -1.7440, 9.5840 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(101, 91, 115) }
```


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

```
.border{ border-color:rgb(101, 91, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 91, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 91, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 91, 115); box-shadow:4px 4px 4px 4px rgb(101, 91, 115) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7260, -1.7440, 9.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 91, 115) }
```

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

```
.background{ background-color: rgb(101, 91,  
115) }
```

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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