

Converting Colors

YIQ(97.8430, -15.3150, 7.7330)

Have a look what the booklet for
YIQ(97.8430, -15.3150, 7.7330)
contains.

YIQ(97.8430, -15.3150, 7.7330)	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(97.8430, -15.3150,
7.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	586180
RGB	88, 97, 128
RGB Percent	35%, 38%, 50%
CMY	0.6549, 0.6196, 0.4981
CMYK	0.31, 0.24, 0.00, 0.50
HSL	226°, 19%, 42%
HSV	226°, 31%, 50%
XYZ	12.1944, 12.1827, 22.1234
YIQ	97.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

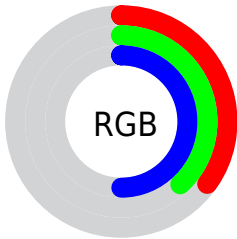
Format	Color
R_{YB}	88, 95, 128
Decimal	5792128
CIE _{Lab}	41.51, 4.31, -18.43
CIE _{LCh}	42, 18.930, 283.170
Yxy	12.1827, 0.2622, 0.2620
Android (android.graphics.Color)	4283982208 (0xFF586180)
YUV	97.8430, 14.8674, -8.6323
Hunter-Lab	34.9038, 1.2811, -13.1477

Details

The YIQ color **97.8430, -15.3150, 7.7330** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.1570, 15.3150, -7.7330**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4840, -15.6820, 8.8780**, and **51.2020, -14.9480, 6.5880** is the 20% darker color. If you saturate the color by 10%, you get **88.0860, -20.3130, 10.2070**, and if you desaturate by 10%, it is **107.6000, -10.3170, 5.2590**.

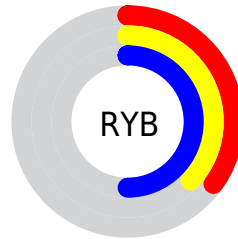
Distribution



Red (35%)

Green (38%)

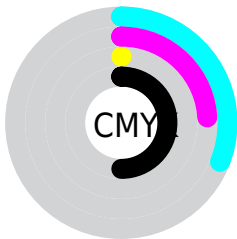
Blue (50%)



Red (35%)

Yellow (37%)

Blue (50%)

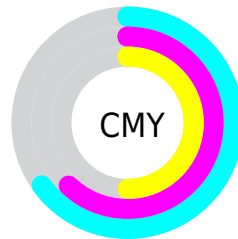


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (65%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.8430, -15.3150, 7.7330 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 97.8430, -15.3150, 7.7330 by changing the saturation by 10% instead.

■ 97.8430, -15.3150,
7.7330

■ 97.8430, -15.3150,
7.7330

■ 255.0000, -0.0000,
-0.0000

■ 73.7290, -14.9940,
7.4220

■ 148.4840,
-15.6820, 8.8780

■ 51.2020, -14.9480,
6.5880

■ 175.4840,
-15.6820, 8.8780

■ 29.3760, -15.4980,
5.5420

■ 202.7120,
-16.3240, 9.5000

■ 6.2240, -12.0140,
8.4820

■ 229.5720,
-13.1140, 6.3900

■ 1.0260, -2.8890,
2.7990

■ 253.5050, -2.9800,
-1.0600

■ 0.0000, 0.0000,
0.0000

■ 97.8430, -15.3150,
7.7330

■ 97.8430, -15.3150,
7.7330

■ 88.0860, -20.3130,
10.2070

■ 107.6000,
-10.3170, 5.2590

■ 78.3290, -25.3110,
12.6810

■ 117.3570, -5.3190,
2.7850

■ 68.8710, -29.7130,
15.3670

■ 126.8150, -0.9170,
0.0990

■ 59.1140, -34.7110,
17.8410

■ 136.5720, 4.0810,
-2.3750

■ 49.3570, -39.7090,
20.3150

■ 146.3290, 9.0790,
-4.8490

■ 40.1870, -44.9820,
22.2660

■ 155.4990, 14.3520,
-6.8000

■ 31.6150, -49.0630,
24.6410

■ 165.2560, 19.3500,
-9.2740

■ 174.7140, 23.7520,

-11.9600

■ 184.4710, 28.7500,
-14.4340

Harmonies

Analogous

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



94.0860, -29.4810, 0.1430



97.8430, -15.3150, 7.7330



100.3890, 0.8230, 12.6230

Triad

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



97.8430, -15.3150, 7.7330



98.9940, 26.5000, 4.3240



92.2870, -17.4660, -13.8660

Complementary

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



97.8430, -15.3150, 7.7330



118.1570, 15.3150, -7.7330

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.



94.4260, -1.7400, -12.5240



97.8430, -15.3150, 7.7330



97.9130, 22.0540, -3.2100

Square

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



97.8430, -15.3150, 7.7330



100.1280, 23.4270, 10.4590



96.2490, 12.0600, -9.3160



90.5120, -31.2210, -12.3810

Rectangle

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



97.8430, -15.3150, 7.7330



100.5920, 10.4970, 13.5130



96.2490, 12.0600, -9.3160



92.9240, -12.0100, -13.6260

Sweetspot

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



97.8430, -15.3150, 7.7330



154.4710, -5.6400, 3.0960



115.0140, -20.9510, -11.2790



77.2000, -3.4390, 1.7530



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



97.8430, -15.3150, 7.7330



119.2860, -23.7520, 11.9600



95.8490, -6.2840, 14.7720



58.9720, -2.7970, 1.1310



31.6150, -49.0630, 24.6410



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.9860, 20.9510, 11.2790



124.1340, 32.4580, 17.4980



120.1510, 6.2840, -14.7720



59.3210, 3.5300, 2.1060



41.5780, 66.9790, 36.1550



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 97.8430, -15.3150, 7.7330 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 97.8430, -15.3150, 7.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

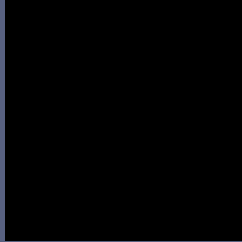
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

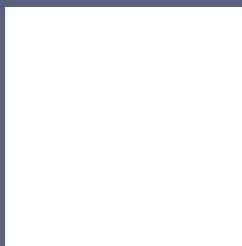
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.8430, -15.3150, 7.7330

Background



This preview shows how black text looks on a background with the YIQ color 97.8430, -15.3150, 7.7330.



This preview shows how white text looks on a background with the YIQ color 97.8430, -15.3150,

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

97.8430, -15.3150, 7.7330

Protanopia

98.1420, -14.7190, 7.9450

Deuteranopia

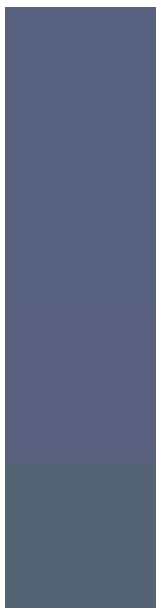
98.1530, -13.2520, 8.8920



Tritanopia

96.8290, -12.7000, -1.1160

Trichromacy



Original Color

97.8430, -15.3150, 7.7330

Protanomaly

98.1420, -14.7190, 7.9450

Deuteranomaly

97.8540, -13.8480, 8.6800

Tritanomaly

97.3390, -14.0760, 1.7960

Monochromacy



Original Color

97.8430, -15.3150, 7.7330

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.8430, -15.3150, 7.7330 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(88, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 128)  
}
```

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(88, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 128) }
```

Border

The CSS property to change the border of an element to YIQ 97.8430, -15.3150, 7.7330 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(88, 97, 128) }
```


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

```
.border{ border-color:rgb(88, 97, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 97.8430, -15.3150, 7.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 128) }
```

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

```
.background{ background-color: rgb(88, 97,  
128) }
```

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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