

Converting Colors

YIQ(113.6430, 23.6550, 17.3430)

Have a look what the booklet for
YIQ(113.6430, 23.6550, 17.3430)
contains.

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Color

**YIQ(113.6430, 23.6550,
17.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	936075
RGB	147, 96, 117
RGB Percent	58%, 38%, 46%
CMY	0.4234, 0.6236, 0.5411
CMYK	0.00, 0.35, 0.20, 0.42
HSL	335°, 21%, 48%
HSV	335°, 35%, 58%
XYZ	19.4317, 15.8529, 18.8715
YIQ	113.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

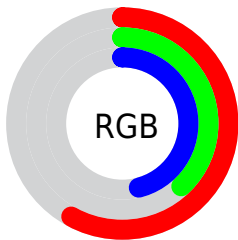
Format	Color
R_{YB}	147, 96, 117
Decimal	9658485
CIE Lab	46.78, 23.94, -3.27
CIE LCh	47, 24.166, 352.231
Yxy	15.8529, 0.3588, 0.2927
Android (android.graphics.Color)	4287848565 (0xFF936075)
YUV	113.6430, 1.6550, 29.2541
Hunter-Lab	39.8157, 17.4382, -0.2308

Details

The YIQ color **113.6430, 23.6550, 17.3430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.3570, -23.6550, -17.3430**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9530, 25.7180, 18.5020**, and **64.4470, 21.2710, 16.4950** is the 20% darker color. If you saturate the color by 10%, you get **103.8120, 30.6690, 22.3890**, and if you desaturate by 10%, it is **123.4740, 16.6410, 12.2970**.

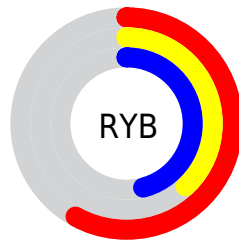
Distribution



Red (58%)

Green (38%)

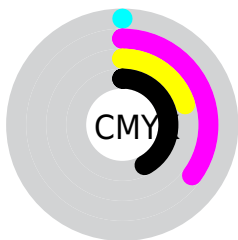
Blue (46%)



Red (58%)

Yellow (38%)

Blue (46%)

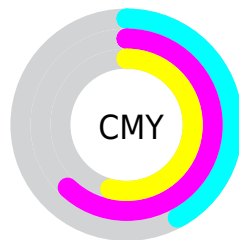


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (62%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.6430, 23.6550, 17.3430 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 113.6430, 23.6550, 17.3430 by changing the saturation by 10% instead.


 113.6430, 23.6550,
17.3430


 113.6430, 23.6550,
17.3430


255.0000, -0.0000,
-0.0000


 88.9310, 22.7840,
16.6080


 165.9530, 25.7180,
18.5020

 64.4470, 21.2710,
16.4950


 193.2520, 26.3140,
18.7140

 41.5500, 19.4830,
15.8590

 220.3550, 24.5260,
18.0780

 19.3650, 18.5660,
15.9580

 240.0970, 7.5170,
12.4530

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,
0.0000

■ 113.6430, 23.6550,
17.3430

■ 113.6430, 23.6550,
17.3430

■ 103.8120, 30.6690,
22.3890

■ 123.4740, 16.6410,
12.2970

■ 94.6820, 37.0870,
27.2230

■ 132.6040, 10.2230,
7.4630

■ 84.8510, 44.1010,
32.2690

■ 142.4350, 3.2090,
2.4170

■ 75.0200, 51.1150,
37.3150

■ 152.2660, -3.8050,
-2.6290

■ 65.3030, 57.8080,
42.6720

■ 161.3960,
-10.2230, -7.4630

■ 56.0590, 64.5470,
47.1950


■ 171.2270,
-17.2370, -12.5090

■ 50.9070, 68.0310,
50.1350

■ 181.0580,
-24.2510, -17.5550

■ 190.7750,

-30.9440, -22.9120

 200.0190,
-37.6830, -27.4350

Harmonies

Analogous

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



113.6720, 7.5160, 17.9800



113.6430, 23.6550, 17.3430



112.5590, 32.4590, 11.9710

Triad

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



113.6430, 23.6550, 17.3430



107.8310, 10.1810, -13.8110



100.0940, -50.2950, -8.1110

Complementary

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



113.6430, 23.6550, 17.3430



129.3570, -23.6550, -17.3430

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.



98.4220, -48.6430, -16.0270



113.6430, 23.6550, 17.3430



105.2570, -8.7540, -17.5700

Square

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



113.6430, 23.6550, 17.3430



110.3600, 24.9890, -6.8430



102.1220, -30.3030, -18.0070



106.5570, -35.1210, 3.2390

Rectangle

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



113.6430, 23.6550, 17.3430



112.0550, 33.6980, 6.0340



102.1220, -30.3030, -18.0070



98.6160, -51.9450, -11.2490

Sweetspot

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



113.6430, 23.6550, 17.3430



178.5930, 8.7560, 6.5160



110.7840, 1.5090, 22.2210



89.1580, 5.5470, 4.0990



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



113.6430, 23.6550, 17.3430



138.6820, 37.0870, 27.2230



113.5970, 29.2960, 8.7200



69.4350, 3.2090, 2.4170



47.7600, 63.9510, 46.9830



3.4460, 4.6760, 3.3640

Inverse Universe

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



113.6430, 23.6550, 17.3430



138.6820, 37.0870, 27.2230



129.4030, -29.2960, -8.7200



69.4350, 3.2090, 2.4170



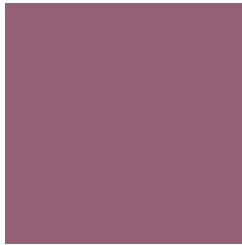
47.7600, 63.9510, 46.9830



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 113.6430, 23.6550, 17.3430 looks on a white background.

Color Contrast Check

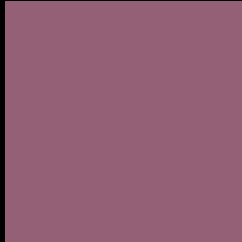
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6430, 23.6550, 17.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

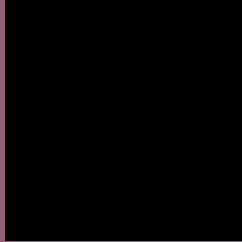
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.6430, 23.6550, 17.3430

Background



This preview shows how black text looks on a background with the YIQ color 113.6430, 23.6550, 17.3430.



This preview shows how white text looks on a background with the YIQ color 113.6430, 23.6550,

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

113.6430, 23.6550, 17.3430

Protanopia

111.5250, -5.7320, 4.7640

Deuteranopia

112.3860, 4.9050, 4.7210



Tritanopia

113.1500, 26.3610, 12.3530

Trichromacy



Original Color

113.6430, 23.6550, 17.3430

Protanomaly

112.4340, 4.9500, 9.4140

Deuteranomaly

113.1420, 11.6440, 9.2440

Tritanomaly

113.0190, 25.3520, 14.1200

Monochromacy



Original Color

113.6430, 23.6550, 17.3430

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.5930, 8.7560, 6.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6430, 23.6550, 17.3430 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(147, 96, 117)` looks like.

```
.text, #text, p{  
    color:rgb(147, 96, 117)  
}
```

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(147, 96, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 96, 117) }
```

Border

The CSS property to change the border of an element to YIQ 113.6430, 23.6550, 17.3430 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(147, 96, 117) }
```


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

```
.border{ border-color:rgb(147, 96, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 96, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 96, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 96, 117);  
box-shadow:4px 4px 4px 4px rgb(147, 96,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6430, 23.6550, 17.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 96, 117) }
```

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

```
.background{ background-color: rgb(147, 96,  
117) }
```

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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