

Converting Colors

YIQ(111.6410, 17.9690, 21.2730)

Have a look what the booklet for
YIQ(111.6410, 17.9690, 21.2730)
contains.

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Color

**YIQ(111.6410, 17.9690,
21.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5D80
RGB	142, 93, 128
RGB Percent	56%, 36%, 50%
CMY	0.4430, 0.6354, 0.4980
CMYK	0.00, 0.35, 0.10, 0.44
HSL	317°, 21%, 46%
HSV	317°, 35%, 56%
XYZ	18.9710, 15.1378, 22.3480
YIQ	111.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

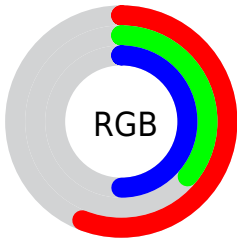
Format	Color
R_{YB}	142, 93, 128
Decimal	9330048
CIE _{Lab}	45.82, 25.73, -11.38
CIE _{LCh}	46, 28.135, 336.131
Yxy	15.1378, 0.3360, 0.2681
Android (android.graphics.Color)	4287520128 (0xFF8E5D80)
YUV	111.6410, 8.0650, 26.6248
Hunter-Lab	38.9073, 18.9475, -6.8204

Details

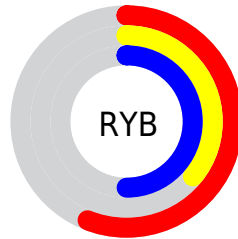
The YIQ color **111.6410, 17.9690, 21.2730** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3590, -17.9690, -21.2730**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7660, 19.1150, 22.5310**, and **63.2170, 16.2270, 19.8030** is the 20% darker color. If you saturate the color by 10%, you get **102.9670, 23.1030, 27.3510**, and if you desaturate by 10%, it is **120.3150, 12.8350, 15.1950**.

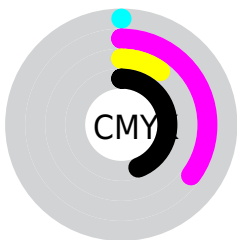
Distribution



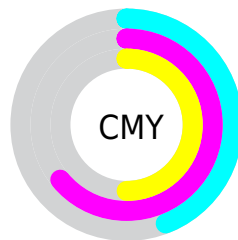
- Red (56%)
- Green (36%)
- Blue (50%)



- Red (56%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6410, 17.9690, 21.2730 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 111.6410, 17.9690, 21.2730 by changing the saturation by 10% instead.

■ 111.6410, 17.9690,
21.2730

■ 111.6410, 17.9690,
21.2730

■ 255.0000, -0.0000,
-0.0000

■ 86.9290, 17.0980,
20.5380

■ 164.0650, 19.7110,
22.7430

■ 63.2170, 16.2270,
19.8030

■ 191.3640, 20.3070,
22.9550

■ 39.6190, 15.0350,
19.3790

■ 219.1900, 20.8570,
24.0010

■ 16.7330, 14.7140,
19.6900

■ 237.9770, 7.9750,
15.1670

■ 5.7390, 5.4090,
6.6010

■ 0.0000, 0.0000,
0.0000

■ 111.6410, 17.9690,
21.2730

■ 111.6410, 17.9690,
21.2730

■ 102.9670, 23.1030,
27.3510

■ 120.3150, 12.8350,
15.1950

■ 94.2930, 28.2370,
33.4290

■ 128.9890, 7.7010,
9.1170

■ 85.0320, 33.6460,
40.0300

■ 138.2500, 2.2920,
2.5160

■ 76.3580, 38.7800,
46.1080

■ 146.9240, -2.8420,
-3.5620

■ 67.6840, 43.9140,
52.1860

■ 155.5980, -7.9760,
-9.6400

■ 59.0100, 49.0480,
58.2640


■ 164.2720,
-13.1100, -15.7180

■ 53.9720, 52.2110,
61.5150

■ 172.9460,
-18.2440, -21.7960

■ 182.2070,

-23.6530, -28.3970

 190.9950,
-29.1080, -34.1640

Harmonies

Analogous

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



111.0280, -5.2300, 17.6980



111.6410, 17.9690, 21.2730



110.7320, 33.6500, 17.9220

Triad

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



111.6410, 17.9690, 21.2730



106.5180, 21.3680, -12.8080



85.8300, -76.3350, -20.7750

Complementary

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



111.6410, 17.9690, 21.2730



123.3590, -17.9690, -21.2730

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.



92.5800, -52.2640, -21.9920



111.6410, 17.9690, 21.2730



103.5910, 1.9290, -18.4470

Square

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



111.6410, 17.9690, 21.2730



108.3720, 33.8830, -2.8290



99.4340, -22.5540, -20.7780



96.6680, -57.7230, -5.6510

Rectangle

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



111.6410, 17.9690, 21.2730



109.6090, 38.1900, 12.7340



99.4340, -22.5540, -20.7780



85.6190, -74.3630, -23.4750

Sweetspot

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



111.6410, 17.9690, 21.2730



172.1630, 7.1510, 8.0710



102.7720, -7.3850, 18.2070



85.2010, 3.9880, 4.8200



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



111.6410, 17.9690, 21.2730



136.8800, 27.9620, 32.9060



108.9050, 25.6730, 13.8090



66.6630, 2.5670, 3.0390



51.4230, 49.3230, 58.7870



2.9620, 3.1630, 3.2510

Inverse Universe

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



111.6410, 17.9690, 21.2730



136.8800, 27.9620, 32.9060



126.0950, -25.6730, -13.8090



66.6630, 2.5670, 3.0390



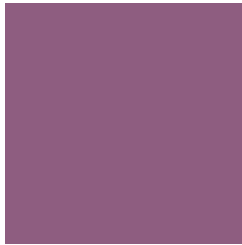
51.4230, 49.3230, 58.7870



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 111.6410, 17.9690, 21.2730 looks on a white background.

Color Contrast Check

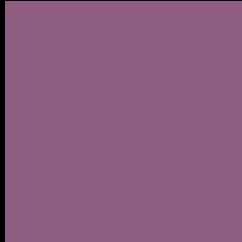
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6410, 17.9690, 21.2730 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 111.6410, 17.9690, 21.2730

Background



This preview shows how black text looks on a background with the YIQ color 111.6410, 17.9690, 21.2730.



This preview shows how white text looks on a background with the YIQ color 111.6410, 17.9690,

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

111.6410, 17.9690, 21.2730

Protanopia

109.3270, -13.8020, 7.8460

Deuteranopia

109.7750, -3.4400, 7.2800



Tritanopia

110.4700, 22.4640, 11.3920

Trichromacy



Original Color

111.6410, 17.9690, 21.2730

Protanomaly

110.4210, -2.2030, 12.3970

Deuteranomaly

110.2430, 4.1700, 12.5380

Tritanomaly

111.0940, 20.7670, 14.6150

Monochromacy



Original Color

111.6410, 17.9690, 21.2730

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8640, 6.5550, 7.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6410, 17.9690, 21.2730 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(142, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 93, 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(142, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 93, 128) }
```

Border

The CSS property to change the border of an element to YIQ 111.6410, 17.9690, 21.2730 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(142, 93, 128) }
```


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

```
.border{ border-color:rgb(142, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 93, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 93, 128); box-shadow:4px 4px 4px 4px rgb(142, 93, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6410, 17.9690, 21.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 93, 128) }
```

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

```
.background{ background-color: rgb(142, 93,  
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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