

Converting Colors

YIQ(138.9010, 14.3010, 21.6690)

Have a look what the booklet for
YIQ(138.9010, 14.3010, 21.6690)
contains.

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Color

**YIQ(138.9010, 14.3010,
21.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	A679A0
RGB	166, 121, 160
RGB Percent	65%, 47%, 63%
CMY	0.3489, 0.5255, 0.3725
CMYK	0.00, 0.27, 0.04, 0.35
HSL	308°, 20%, 56%
HSV	308°, 27%, 65%
XYZ	28.9137, 24.3191, 36.4309
YIQ	138.9010, 14.3010, 21.6690

Conversions

Conversions Part 2

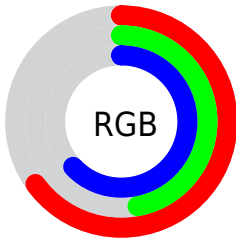
Format	Color
R_{YB}	166, 121, 160
Decimal	10910112
CIE _{Lab}	56.41, 24.18, -14.01
CIE _{LCh}	56, 27.944, 329.914
Yxy	24.3191, 0.3225, 0.2712
Android (android.graphics.Color)	4289100192 (0xFFA679A0)
YUV	138.9010, 10.4018, 23.7658
Hunter-Lab	49.3144, 18.3570, -9.2803

Details

The YIQ color **138.9010, 14.3010, 21.6690** is a light color, and the websafe version is hex **996699**. A complement of this color would be **148.0990, -14.3010, -21.6690**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0260, 15.4470, 22.9270**, and **88.3630, 12.8800, 19.8880** is the 20% darker color. If you saturate the color by 10%, you get **128.6940, 19.6180, 29.9380**, and if you desaturate by 10%, it is **149.1080, 8.9840, 13.4000**.

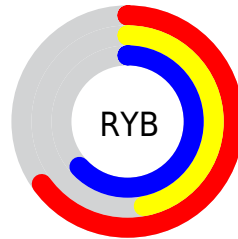
Distribution



Red (65%)

Green (47%)

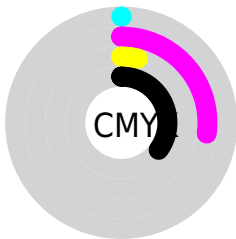
Blue (63%)



Red (65%)

Yellow (47%)

Blue (63%)

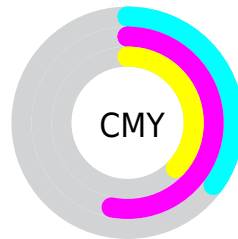


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.9010, 14.3010, 21.6690 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 138.9010, 14.3010, 21.6690 by changing the saturation by 10% instead.

■ 138.9010, 14.3010,
21.6690

■ 138.9010, 14.3010,
21.6690

■ 255.0000, -0.0000,
-0.0000

■ 113.1890, 13.4300,
20.9340

■ 193.0260, 15.4470,
22.9270

■ 88.3630, 12.8800,
19.8880

■ 220.4390, 15.7220,
23.4500

■ 64.0640, 12.2840,
19.6760

■ 240.3250, 6.8750,
13.0750

■ 41.3520, 11.4130,
18.9410

■ 19.0530, 10.8170,
18.7290

■ 5.9390, 1.9700,
8.3540

■ 0.0000, 0.0000,

0.0000

138.9010, 14.3010,
21.6690

138.9010, 14.3010,
21.6690

128.6940, 19.6180,
29.9380

149.1080, 8.9840,
13.4000

119.0740, 24.6600,
37.6840

158.7280, 3.9420,
5.6540

108.7530, 30.2980,
45.6420

169.0490, -1.6960,
-2.3040

99.1330, 35.3400,
53.3880

178.6690, -6.7380,
-10.0500

88.9260, 40.6570,
61.6570

188.8760,
-12.0550, -18.3190

78.7190, 45.9740,
69.9260

199.0830,
-17.3720, -26.5880

68.9850, 51.3370,
77.3610

208.8170,
-22.7350, -34.0230

66.0500, 52.7120,
79.9760

219.0240,
-28.0520, -42.2920

219.8390,
-28.9690, -42.1930

Harmonies

Analogous

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



137.1630, -10.0440, 16.8360



138.9010, 14.3010, 21.6690



138.3020, 32.0450, 19.4770

Triad

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



138.9010, 14.3010, 21.6690



133.9100, 26.1360, -11.1120



120.2510, -61.3430, -17.1430

Complementary

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



138.9010, 14.3010, 21.6690



148.0990, -14.3010, -21.6690

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.



122.7830, -42.5900, -21.1020



138.9010, 14.3010, 21.6690



130.9290, 6.7890, -18.4190

Square

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



138.9010, 14.3010, 21.6690



135.5190, 37.9630, 0.3230



127.5440, -17.0520, -21.3720



124.4400, -57.0810, -6.2730

Rectangle

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



138.9010, 14.3010, 21.6690



137.3750, 38.9690, 15.1370



127.5440, -17.0520, -21.3720



120.2360, -56.9870, -18.9950

Sweetspot

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



138.9010, 14.3010, 21.6690



206.0920, 5.9130, 8.4810



127.9240, -10.8690, 15.2670



103.3150, 3.6670, 5.1310



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



138.9010, 14.3010, 21.6690



173.5960, 23.0100, 34.5460



136.3930, 21.3630, 14.8270



79.1900, 2.5210, 3.8730



58.8440, 47.1200, 71.1840



8.0320, 6.1420, 9.8380

Inverse Universe

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



138.9010, 14.3010, 21.6690



173.5960, 23.0100, 34.5460



150.7210, -21.6840, -14.5160



79.1900, 2.5210, 3.8730



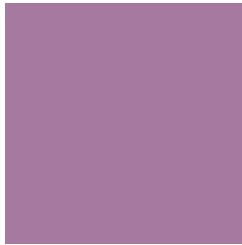
58.8440, 47.1200, 71.1840



8.0320, 6.1420, 9.8380

Previews

White Background



This preview shows how the YIQ color 138.9010, 14.3010, 21.6690 looks on a white background.

Color Contrast Check

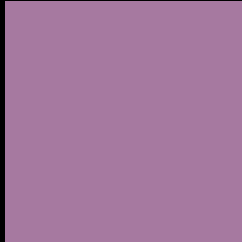
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 138.9010, 14.3010, 21.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

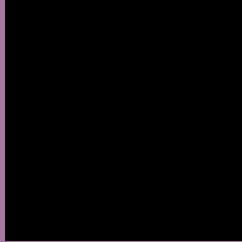
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.9010, 14.3010, 21.6690

Background



This preview shows how black text looks on a background with the YIQ color 138.9010, 14.3010, 21.6690.



This preview shows how white text looks on a background with the YIQ color 138.9010, 14.3010,

21.6690.

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

138.9010, 14.3010, 21.6690

Protanopia

135.8970, -15.4070, 9.4010

Deuteranopia

136.7580, -4.7700, 9.3580



Tritanopia

138.0890, 19.1630, 10.6430

Trichromacy



Original Color

138.9010, 14.3010, 21.6690

Protanomaly

136.8060, -4.7250, 14.0510

Deuteranomaly

137.5140, 1.9690, 13.8810

Tritanomaly

138.2400, 17.4200, 14.7000

Monochromacy



Original Color

138.9010, 14.3010, 21.6690

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7930, 5.3170, 8.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9010, 14.3010, 21.6690 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(166, 121, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 121, 160)  
}
```

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(166, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 121, 160) }
```

Border

The CSS property to change the border of an element to YIQ 138.9010, 14.3010, 21.6690 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(166, 121, 160) }
```


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

```
.border{ border-color:rgb(166, 121, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 121, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 121, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 121, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 121,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9010, 14.3010, 21.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 121, 160) }
```

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

```
.background{ background-color: rgb(166,  
121, 160) }
```

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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