

Converting Colors

YIQ(116.0120, 18.0620, 14.0780)

Have a look what the booklet for
YIQ(116.0120, 18.0620, 14.0780)
contains.

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Color

**YIQ(116.0120, 18.0620,
14.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6678
RGB	142, 102, 120
RGB Percent	56%, 40%, 47%
CMY	0.4430, 0.6001, 0.5294
CMYK	0.00, 0.28, 0.15, 0.44
HSL	333°, 16%, 48%
HSV	333°, 28%, 56%
XYZ	19.3008, 16.6091, 19.9626
YIQ	116.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

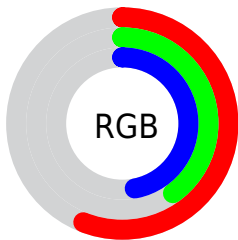
Format	Color
R_{YB}	142, 102, 120
Decimal	9332344
CIE _{Lab}	47.76, 19.04, -3.68
CIE _{LCh}	48, 19.397, 349.060
Yxy	16.6091, 0.3454, 0.2973
Android (android.graphics.Color)	4287522424 (0xFF8E6678)
YUV	116.0120, 1.9661, 22.7915
Hunter-Lab	40.7542, 13.2159, -0.5140

Details

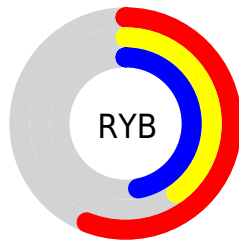
The YIQ color **116.0120, 18.0620, 14.0780** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.9880, -18.0620, -14.0780**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0230, 19.5290, 15.0250**, and **67.7020, 15.9990, 12.9190** is the 20% darker color. If you saturate the color by 10%, you get **106.8820, 24.4800, 18.9120**, and if you desaturate by 10%, it is **125.1420, 11.6440, 9.2440**.

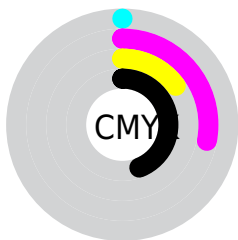
Distribution



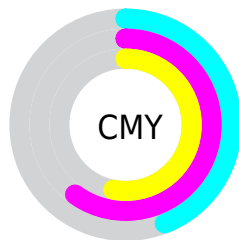
- Red (56%)
- Green (40%)
- Blue (47%)



- Red (56%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.0120, 18.0620, 14.0780 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 116.0120, 18.0620, 14.0780 by changing the saturation by 10% instead.

■ 116.0120, 18.0620,
14.0780

■ 116.0120, 18.0620,
14.0780

■ 255.0000, -0.0000,
-0.0000

■ 91.3000, 17.1910,
13.3430

■ 168.0230, 19.5290,
15.0250

■ 67.1150, 16.2740,
13.4420

■ 195.4360, 19.8040,
15.5480

■ 44.4030, 15.4030,
12.7070

■ 223.7350, 20.4000,
15.7600

■ 22.8050, 14.2110,
12.2830

■ 243.8470, 5.2250,
9.9370

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 116.0120, 18.0620,
14.0780

■ 116.0120, 18.0620,
14.0780

■ 106.8820, 24.4800,
18.9120

■ 125.1420, 11.6440,
9.2440

■ 97.7520, 30.8980,
23.7460

■ 134.2720, 5.2260,
4.4100

■ 88.1490, 37.2700,
29.4140

■ 143.8750, -1.1460,
-1.2580

■ 79.0190, 43.6880,
34.2480

■ 153.0050, -7.5640,
-6.0920

■ 69.8890, 50.1060,
39.0820

■ 162.1350,
-13.9820, -10.9260

■ 60.7590, 56.5240,
43.9160

■ 171.2650,
-20.4000, -15.7600

■ 51.6290, 62.9420,
48.7500


■ 180.3950,
-26.8180, -20.5940

■ 49.7540, 64.0880,

■ 189.9980,

50.0080

-33.1900, -26.2620

 199.1280,
-39.6080, -31.0960

Harmonies

Analogous

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



115.8840, 3.8030, 13.6830



116.0120, 18.0620, 14.0780



115.5690, 26.4990, 9.8510

Triad

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



116.0120, 18.0620, 14.0780



111.5260, 9.7220, -10.9980



106.9770, -36.7240, -6.2600

Complementary

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



116.0120, 18.0620, 14.0780



127.9880, -18.0620, -14.0780

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.



105.3700, -33.6970, -11.5610



116.0120, 18.0620, 14.0780



109.5180, -4.9950, -14.1070

Square

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



116.0120, 18.0620, 14.0780



112.9730, 21.8250, -4.5670



107.1340, -21.4090, -13.9930



110.6240, -28.0600, 1.9240

Rectangle

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



116.0120, 18.0620, 14.0780



115.0050, 27.9670, 5.2710



107.1340, -21.4090, -13.9930



105.6240, -37.2280, -8.1400

Sweetspot

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



116.0120, 18.0620, 14.0780



174.2830, 6.6930, 5.3570



112.8390, -0.3240, 16.8920



86.1470, 4.0800, 3.1520



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.



116.0120, 18.0620, 14.0780



143.0290, 28.5600, 22.0640



114.5470, 23.5650, 7.9570



66.4350, 3.2090, 2.4170



47.3190, 60.8790, 47.5910



2.7340, 3.8050, 2.6290

Inverse Universe

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



116.0120, 18.0620, 14.0780



143.0290, 28.5600, 22.0640



129.4530, -23.5650, -7.9570



66.4350, 3.2090, 2.4170



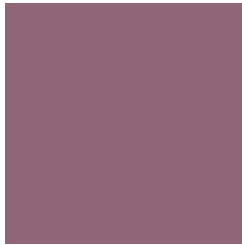
47.3190, 60.8790, 47.5910



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 116.0120, 18.0620, 14.0780 looks on a white background.

Color Contrast Check

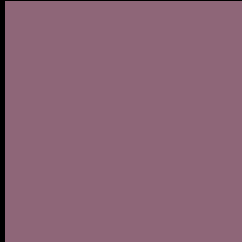
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0120, 18.0620, 14.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

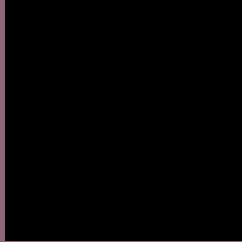
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.0120, 18.0620, 14.0780

Background



This preview shows how black text looks on a background with the YIQ color 116.0120, 18.0620, 14.0780.



This preview shows how white text looks on a background with the YIQ color 116.0120, 18.0620,

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

116.0120, 18.0620, 14.0780

Protanopia

114.2970, -5.0900, 4.1420

Deuteranopia

114.5000, 4.5840, 5.0320



Tritanopia

115.2740, 20.0800, 10.5440

Trichromacy



Original Color

116.0120, 18.0620, 14.0780

Protanomaly

114.8960, 3.5290, 7.6330

Deuteranomaly

114.9460, 9.2600, 8.3960

Tritanomaly

115.6160, 19.1170, 11.4770

Monochromacy



Original Color

116.0120, 18.0620, 14.0780

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0120, 18.0620, 14.0780 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, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 102, 120)  
}
```

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, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 102, 120) }
```

Border

The CSS property to change the border of an element to YIQ 116.0120, 18.0620, 14.0780 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, 102, 120) }
```


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

```
.border{ border-color:rgb(142, 102, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 102, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 102, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 102,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0120, 18.0620, 14.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 102, 120) }
```

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

```
.background{ background-color: rgb(142,  
102, 120) }
```

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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