

Converting Colors

YIQ(115.2080, 20.4460, 14.9260)

Have a look what the booklet for
YIQ(115.2080, 20.4460, 14.9260)
contains.

YIQ(115.2080, 20.4460, 14.9260)	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(115.2080, 20.4460,
14.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	906476
RGB	144, 100, 118
RGB Percent	56%, 39%, 46%
CMY	0.4352, 0.6079, 0.5372
CMYK	0.00, 0.31, 0.18, 0.44
HSL	335°, 18%, 48%
HSV	335°, 31%, 56%
XYZ	19.3332, 16.3512, 19.2820
YIQ	115.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

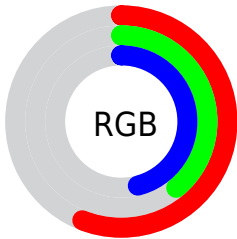
Format	Color
RYB	144, 100, 118
Decimal	9462902
CIELab	47.43, 20.64, -2.95
CIELCh	47, 20.849, 351.874
Yxy	16.3512, 0.3517, 0.2975
Android (android.graphics.Color)	4287652982 (0xFF906476)
YUV	115.2080, 1.3765, 25.2506
Hunter-Lab	40.4366, 14.5789, 0.0334

Details

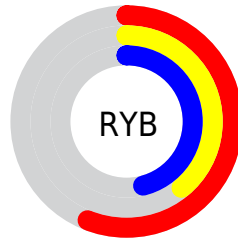
The YIQ color **115.2080, 20.4460, 14.9260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.7920, -20.4460, -14.9260**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5180, 22.5090, 16.0850**, and **66.8980, 18.3830, 13.7670** is the 20% darker color. If you saturate the color by 10%, you get **106.0780, 26.8640, 19.7600**, and if you desaturate by 10%, it is **124.4520, 13.7070, 10.4030**.

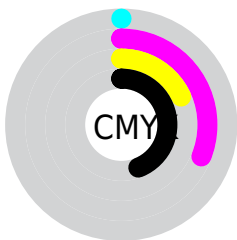
Distribution



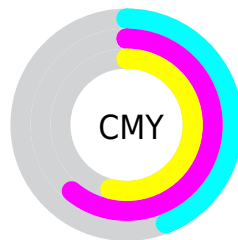
- Red (56%)
- Green (39%)
- Blue (46%)



- Red (56%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.2080, 20.4460, 14.9260 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 115.2080, 20.4460, 14.9260 by changing the saturation by 10% instead.


 115.2080, 20.4460,
14.9260


 115.2080, 20.4460,
14.9260


255.0000, -0.0000,
-0.0000


 90.4960, 19.5750,
14.1910


 167.5180, 22.5090,
16.0850

 66.8980, 18.3830,
13.7670


 194.8170, 23.1050,
16.2970

 43.4140, 16.8700,
13.6540

 222.8170, 23.1050,
16.2970

 21.8160, 15.6780,
13.2300

 242.5590, 6.0960,
10.6720

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,
0.0000

■ 115.2080, 20.4460,
14.9260

■ 115.2080, 20.4460,
14.9260

■ 106.0780, 26.8640,
19.7600

■ 124.4520, 13.7070,
10.4030

■ 96.2470, 33.8780,
24.8060

■ 134.1690, 7.0140,
5.0460

■ 87.0030, 40.6170,
29.3290

■ 143.4130, 0.2750,
0.5230

■ 77.2860, 47.3100,
34.6860

■ 153.1300, -6.4180,
-4.8340

■ 68.0420, 54.0490,
39.2090

■ 162.3740,
-13.1570, -9.3570

■ 58.9120, 60.4670,
44.0430


■ 171.5040,
-19.5750, -14.1910

■ 49.7820, 66.8850,
48.8770

■ 181.3350,
-26.5890, -19.2370

■ 190.4650,

-33.0070, -24.0710

 200.2960,
-40.0210, -29.1170

Harmonies

Analogous

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



115.1940, 5.8660, 14.8420



115.2080, 20.4460, 14.9260



114.3520, 28.6080, 10.1760

Triad

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



115.2080, 20.4460, 14.9260



110.1130, 9.4470, -11.5210



105.2370, -40.3920, -5.8640

Complementary

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



115.2080, 20.4460, 14.9260



128.7920, -20.4460, -14.9260

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.



103.5050, -38.5110, -12.4230



115.2080, 20.4460, 14.9260



108.2080, -7.0580, -15.2660

Square

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



115.2080, 20.4460, 14.9260



112.0330, 21.5960, -5.9240



105.3400, -24.9850, -15.2650



109.6670, -29.6190, 2.6450

Rectangle

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



115.2080, 20.4460, 14.9260



113.4890, 29.4800, 5.3840



105.3400, -24.9850, -15.2650



104.0580, -41.4460, -8.7900

Sweetspot

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



115.2080, 20.4460, 14.9260



174.8810, 7.8850, 5.7810



112.7900, 1.3720, 19.1960



87.4460, 4.6760, 3.3640



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.2080, 20.4460, 14.9260



140.8230, 32.1360, 23.3360



115.5040, 25.1240, 7.2360



66.4350, 3.2090, 2.4170



46.6350, 62.8050, 45.7250



2.7340, 3.8050, 2.6290

Inverse Universe

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



115.2080, 20.4460, 14.9260



140.8230, 32.1360, 23.3360



128.4960, -25.1240, -7.2360



66.4350, 3.2090, 2.4170



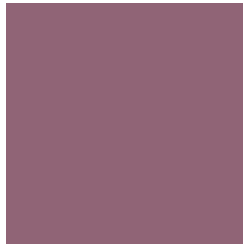
46.6350, 62.8050, 45.7250



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 115.2080, 20.4460, 14.9260 looks on a white background.

Color Contrast Check

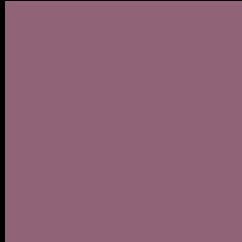
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2080, 20.4460, 14.9260 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 115.2080, 20.4460, 14.9260

Background



This preview shows how black text looks on a background with the YIQ color 115.2080, 20.4460, 14.9260.



This preview shows how white text looks on a background with the YIQ color 115.2080, 20.4460,

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

115.2080, 20.4460, 14.9260

Protanopia

113.1830, -4.7690, 3.8310

Deuteranopia

113.6850, 5.5010, 4.9330



Tritanopia

114.4700, 22.4640, 11.3920

Trichromacy



Original Color

115.2080, 20.4460, 14.9260

Protanomaly

114.0810, 4.4460, 7.5340

Deuteranomaly

114.4300, 10.7730, 8.5090

Tritanomaly

114.8120, 21.5010, 12.3250

Monochromacy



Original Color

115.2080, 20.4460, 14.9260

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.4680, 7.6100, 5.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2080, 20.4460, 14.9260 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(144, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 100, 118)  
}
```

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(144, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 100, 118) }
```

Border

The CSS property to change the border of an element to YIQ 115.2080, 20.4460, 14.9260 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(144, 100, 118) }
```


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

```
.border{ border-color:rgb(144, 100, 118) }
```

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

Here you see how a box with a 4 pixel rgb(144, 100, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 100,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2080, 20.4460, 14.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 100, 118) }
```

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

```
.background{ background-color: rgb(144,  
100, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor