

Converting Colors

YIQ(114.6980, 4.6270, 20.7790)

Have a look what the booklet for
YIQ(114.6980, 4.6270, 20.7790)
contains.

YIQ(114.6980, 4.6270, 20.7790)	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(114.6980, 4.6270,
20.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	846491
RGB	132, 100, 145
RGB Percent	52%, 39%, 57%
CMY	0.4822, 0.6079, 0.4314
CMYK	0.09, 0.31, 0.00, 0.43
HSL	283°, 18%, 48%
HSV	283°, 31%, 57%
XYZ	19.1863, 16.0637, 28.8757
YIQ	114.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

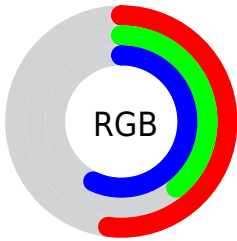
Format	Color
R _Y B	132, 100, 145
Decimal	8676497
CIE Lab	47.06, 21.50, -19.77
CIE LCh	47, 29.215, 317.399
Yxy	16.0637, 0.2992, 0.2505
Android (android.graphics.Color)	4286866577 (0xFF846491)
YUV	114.6980, 14.9389, 15.1739
Hunter-Lab	40.0795, 15.3098, -14.6605

Details

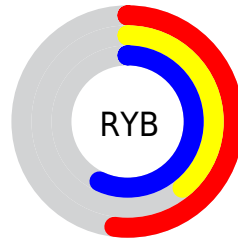
The YIQ color $114.6980, 4.6270, 20.7790$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $130.3020, -4.6270, -20.7790$, and the grayscale version is $115.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $166.9370, 5.4520, 22.3480$, and $66.3450, 4.1230, 18.8990$ is the 20% darker color. If you saturate the color by 10%, you get $104.6970, 6.3680, 27.7760$, and if you desaturate by 10%, it is $124.1120, 3.1610, 14.3050$.

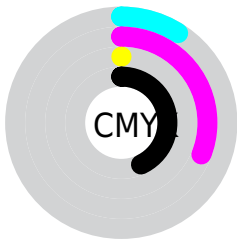
Distribution



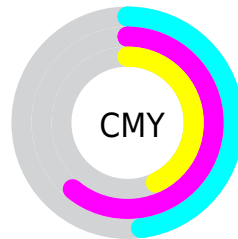
- Red (52%)
- Green (39%)
- Blue (57%)



- Red (52%)
- Yellow (39%)
- Blue (57%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6980, 4.6270, 20.7790 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 114.6980, 4.6270, 20.7790 by changing the saturation by 10% instead.

■ 114.6980, 4.6270,
20.7790

■ 114.6980, 4.6270,
20.7790

■ 255.0000, -0.0000,
-0.0000

■ 89.8720, 4.0770,
19.7330

■ 166.9370, 5.4520,
22.3480

■ 66.3450, 4.1230,
18.8990

■ 194.3500, 5.7270,
22.8710

■ 43.6330, 3.2520,
18.1640

■ 222.3500, 5.7270,
22.8710

■ 21.2200, 2.9770,
17.6410

■ 242.6730, 5.7750,
10.9830

■ 4.8720, -5.0910,
9.6690

■ 0.0000, 0.0000,
0.0000

■ 114.6980, 4.6270,
20.7790

■ 114.6980, 4.6270,
20.7790

■ 104.6970, 6.3680,
27.7760

■ 124.1120, 3.1610,
14.3050

■ 95.2830, 7.8340,
34.2500

■ 134.1130, 1.4200,
7.3080

■ 84.9830, 8.9790,
41.0350

■ 143.8260, 0.5500,
1.0460

■ 75.5690, 10.4450,
47.5090

■ 153.8270, -1.1910,
-5.9510

■ 65.5680, 12.1860,
54.5060

■ 163.2410, -2.6570,
-12.4250

■ 56.1540, 13.6520,
60.9800

■ 173.2420, -4.3980,
-19.4220

■ 47.3270, 14.8430,
66.9310

■ 182.6560, -5.8640,
-25.8960

■ 192.6570, -7.6050,

-32.8930

■ 202.3700, -8.4750,
-39.1550

Harmonies

Analogous

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



111.5960, -21.6890, 13.1190



114.6980, 4.6270, 20.7790



114.3600, 26.1300, 22.0500

Triad

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



114.6980, 4.6270, 20.7790



111.0680, 31.6830, -7.0130



88.2230, -73.3080, -26.0760

Complementary

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



114.6980, 4.6270, 20.7790



130.3020, -4.6270, -20.7790

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.



100.0350, -34.6120, -22.5160



114.6980, 4.6270, 20.7790



108.5880, 15.1790, -16.2850

Square

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



114.6980, 4.6270, 20.7790



111.9370, 39.8420, 4.8180



105.2200, -7.3320, -21.3160



88.3720, -80.7370, -18.0890

Rectangle

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



114.6980, 4.6270, 20.7790



113.6290, 35.4380, 18.5580



105.2200, -7.3320, -21.3160



93.8890, -57.6280, -23.9000

Sweetspot

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



114.6980, 4.6270, 20.7790



177.5260, 1.6950, 7.8310



112.7610, -18.0200, 7.1960



87.2330, 0.9620, 4.5940



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.



114.6980, 4.6270, 20.7790



141.9300, 7.3300, 32.3700



117.5590, 15.2640, 20.7360



66.2930, 0.7330, 3.2370



44.0940, 13.8810, 62.3370



2.4070, 0.4120, 3.5480

Inverse Universe

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



114.9370, 22.6470, 13.5830



142.2100, 35.3000, 21.0600



127.4410, -15.2640, -20.7360



66.3210, 3.5300, 2.1060



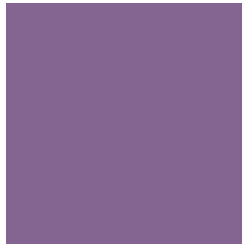
44.8110, 67.9410, 40.7490



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 114.6980, 4.6270, 20.7790 looks on a white background.

Color Contrast Check

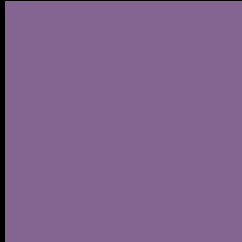
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6980, 4.6270, 20.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

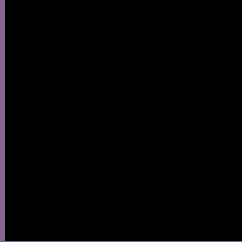
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.6980, 4.6270, 20.7790

Background



This preview shows how black text looks on a background with the YIQ color 114.6980, 4.6270, 20.7790.



This preview shows how white text looks on a background with the YIQ color 114.6980, 4.6270,

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

114.6980, 4.6270, 20.7790

Protanopia

111.6130, -20.3590, 11.0410

Deuteranopia

112.5660, -12.9770, 9.4150



Tritanopia

113.1910, 9.9480, 6.9400

Trichromacy



Original Color

114.6980, 4.6270, 20.7790

Protanomaly

112.5110, -11.1440, 14.7440

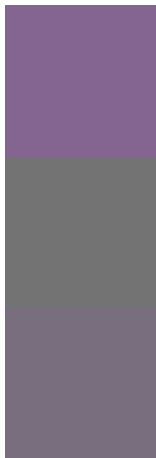
Deuteranomaly

113.0230, -6.8340, 13.7260

Tritanomaly

113.8690, 8.1590, 11.8310

Monochromacy



Original Color

114.6980, 4.6270, 20.7790

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1130, 1.4200, 7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6980, 4.6270, 20.7790 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(132, 100, 145)` looks like.

```
.text, #text, p{  
    color:rgb(132, 100, 145)  
}
```

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(132, 100, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 100, 145) }
```

Border

The CSS property to change the border of an element to YIQ 114.6980, 4.6270, 20.7790 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(132, 100, 145) }
```


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

```
.border{ border-color:rgb(132, 100, 145) }
```

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

Here you see how a box with a 4 pixel rgb(132, 100, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 100, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 100, 145);  
box-shadow:4px 4px 4px 4px rgb(132, 100,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6980, 4.6270, 20.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 100, 145) }
```

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

```
.background{ background-color: rgb(132,  
100, 145) }
```

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