

Converting Colors

YIQ(86.6740, 13.2020, 14.0500)

Have a look what the booklet for
YIQ(86.6740, 13.2020, 14.0500)
contains.

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Color

**YIQ(86.6740, 13.2020,
14.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4A60
RGB	108, 74, 96
RGB Percent	42%, 29%, 38%
CMY	0.5764, 0.7098, 0.6235
CMYK	0.00, 0.32, 0.11, 0.58
HSL	321°, 19%, 36%
HSV	321°, 32%, 42%
XYZ	10.7468, 8.9300, 12.2258
YIQ	86.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

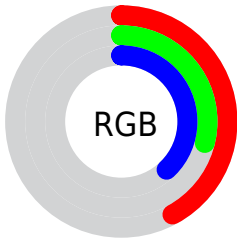
Format	Color
R_{YB}	108, 74, 96
Decimal	7096928
CIE Lab	35.85, 18.29, -7.09
CIE LCh	36, 19.617, 338.807
Yxy	8.9300, 0.3369, 0.2799
Android (android.graphics.Color)	4285287008 (0xFF6C4A60)
YUV	86.6740, 4.5977, 18.7029
Hunter-Lab	29.8831, 11.8983, -3.3385

Details

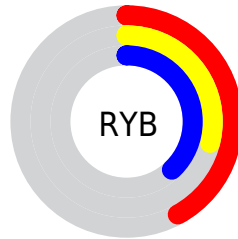
The YIQ color **86.6740, 13.2020, 14.0500** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.3260, -13.2020, -14.0500**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.7990, 14.3480, 15.3080**, and **40.6630, 11.7350, 13.1030** is the 20% darker color. If you saturate the color by 10%, you get **79.7610, 17.5110, 18.5590**, and if you desaturate by 10%, it is **93.5870, 8.8930, 9.5410**.

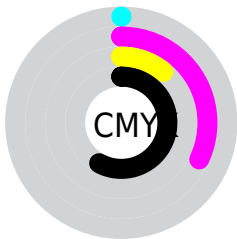
Distribution



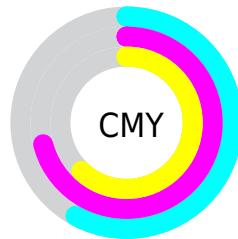
- Red (42%)
- Green (29%)
- Blue (38%)



- Red (42%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.6740, 13.2020, 14.0500 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 86.6740, 13.2020, 14.0500 by changing the saturation by 10% instead.

86.6740, 13.2020,
14.0500

86.6740, 13.2020,
14.0500

255.0000, -0.0000,
-0.0000

62.9620, 12.3310,
13.3150

136.7990, 14.3480,
15.3080

40.6630, 11.7350,
13.1030

163.0980, 14.9440,
15.5200

18.7770, 11.4140,
13.4140

190.3970, 15.5400,
15.7320

0.2990, 0.5960,
0.2120

218.1090, 16.4110,
16.4670

0.0000, 0.0000,
0.0000

241.4990, 6.3250,
12.0290

86.6740, 13.2020,
14.0500

86.6740, 13.2020,
14.0500

79.7610, 17.5110,
18.5590

93.5870, 8.8930,
9.5410

72.8480, 21.8200,
23.0680

100.5000, 4.5840,
5.0320

66.6360, 25.5330,
27.3650

106.7120, 0.8710,
0.7350

59.7230, 29.8420,
31.8740

113.6250, -3.4380,
-3.7740

52.8100, 34.1510,
36.3830

120.5380, -7.7470,
-8.2830

45.8970, 38.4600,
40.8920

127.4510,
-12.0560, -12.7920

40.2720, 41.8980,
44.6660

134.3640,
-16.3650, -17.3010

140.6900,

-20.3990, -21.2870

■ 147.4890,
-24.3870, -26.1070

Harmonies

Analogous

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



86.3070, -1.8820, 12.0860



86.6740, 13.2020, 14.0500



85.7690, 23.0600, 11.6040

Triad

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



86.6740, 13.2020, 14.0500



83.1460, 13.8480, -8.6800



75.0150, -39.8870, -9.5110

Complementary

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



86.6740, 13.2020, 14.0500



95.3260, -13.2020, -14.0500

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.



75.8000, -32.0920, -13.1160



86.6740, 13.2020, 14.0500



80.7960, 0.0940, -12.7220

Square

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



86.6740, 13.2020, 14.0500



84.6250, 22.9250, -2.4750



78.6570, -15.6320, -14.0640



78.8790, -33.3320, -1.6520

Rectangle

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



86.6740, 13.2020, 14.0500



85.8030, 25.7200, 7.4480



78.6570, -15.6320, -14.0640



75.1460, -38.8780, -11.2780

Sweetspot

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



86.6740, 13.2020, 14.0500



132.5000, 4.5840, 5.0320



81.4640, -3.7620, 13.1180



66.6630, 2.5670, 3.0390



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



86.6740, 13.2020, 14.0500



106.7230, 20.6740, 21.8100



84.7360, 18.6590, 8.7630



50.2500, 2.2920, 2.5160



43.6470, 45.3360, 48.4400



91.2670, 95.3020, 101.0780

Inverse Universe

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



86.6740, 13.2020, 14.0500



106.7230, 20.6740, 21.8100



97.2640, -18.6590, -8.7630



50.2500, 2.2920, 2.5160



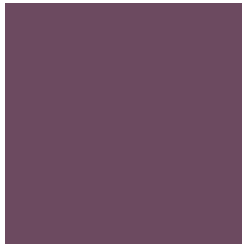
43.6470, 45.3360, 48.4400



91.2670, 95.3020, 101.0780

Previews

White Background



This preview shows how the YIQ color 86.6740, 13.2020, 14.0500 looks on a white background.

Color Contrast Check

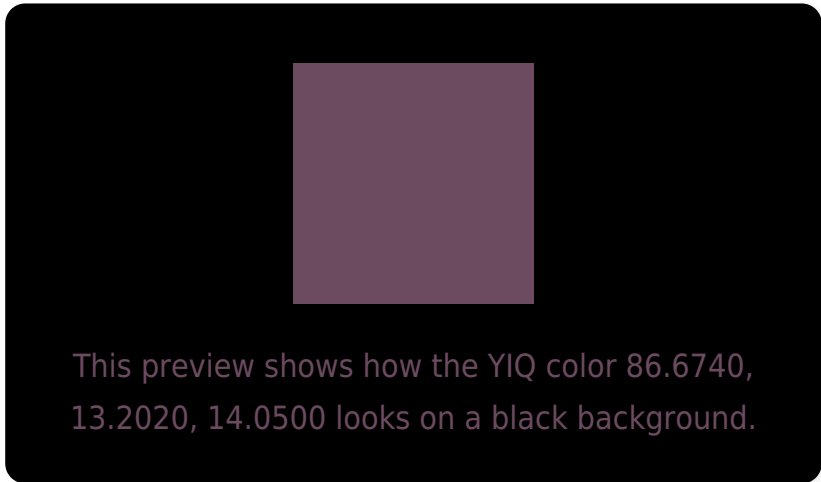
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

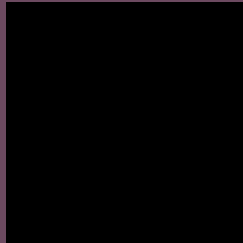
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.6740, 13.2020, 14.0500

Background



This preview shows how black text looks on a background with the YIQ color 86.6740, 13.2020, 14.0500.



This preview shows how white text looks on a background with the YIQ color 86.6740, 13.2020,

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

86.6740, 13.2020, 14.0500

Protanopia

84.9700, -8.4830, 5.0610

Deuteranopia

85.1620, -0.2760, 5.0040



Tritanopia

85.6540, 15.9540, 8.2260

Trichromacy



Original Color

86.6740, 13.2020, 14.0500

Protanomaly

85.2700, -0.4600, 8.3400

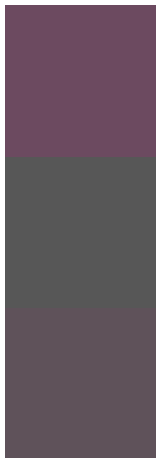
Deuteranomaly

85.6080, 4.4000, 8.3680

Tritanomaly

85.9360, 15.2200, 10.5160

Monochromacy



Original Color

86.6740, 13.2020, 14.0500

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.7990, 5.1800, 5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.6740, 13.2020, 14.0500 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(108, 74, 96)` looks like.

```
.text, #text, p{  
    color:rgb(108, 74, 96)  
}
```

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(108, 74, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 74, 96) }
```

Border

The CSS property to change the border of an element to YIQ 86.6740, 13.2020, 14.0500 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(108, 74, 96) }
```


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

```
.border{ border-color:rgb(108, 74, 96) }
```

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

Here you see how a box with a 4 pixel rgb(108, 74, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 74, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 74, 96);  
box-shadow:4px 4px 4px 4px rgb(108, 74,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 86.6740, 13.2020, 14.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 74, 96) }
```

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

```
.background{ background-color: rgb(108, 74,  
96) }
```

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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