

Converting Colors

YIQ(86.2020, 3.3880, 26.7160)

Have a look what the booklet for
YIQ(86.2020, 3.3880, 26.7160)
contains.

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Color

**YIQ(86.2020, 3.3880,
26.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4480
RGB	106, 68, 128
RGB Percent	42%, 27%, 50%
CMY	0.5842, 0.7334, 0.4981
CMYK	0.17, 0.47, 0.00, 0.50
HSL	278°, 31%, 38%
HSV	278°, 47%, 50%
XYZ	11.9096, 8.7568, 21.4817
YIQ	86.2020, 3.3880, 26.7160

Conversions

Conversions Part 2

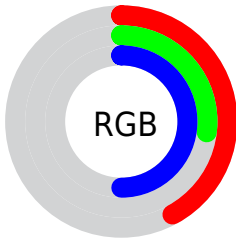
Format	Color
RYB	106, 68, 128
Decimal	6964352
CIELab	35.51, 28.17, -27.62
CIELCh	36, 39.448, 315.566
Yxy	8.7568, 0.2826, 0.2078
Android (android.graphics.Color)	4285154432 (0xFF6A4480)
YUV	86.2020, 20.6064, 17.3628
Hunter-Lab	29.5919, 20.0538, -22.3262

Details

The YIQ color **86.2020, 3.3880, 26.7160** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.7980, -3.3880, -26.7160**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.8540, 4.4880, 28.8080**, and **38.8490, 2.8840, 24.8360** is the 20% darker color. If you saturate the color by 10%, you get **77.0760, 3.9830, 32.4550**, and if you desaturate by 10%, it is **95.3280, 2.7930, 20.9770**.

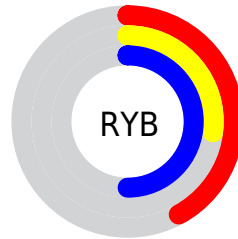
Distribution



Red (42%)

Green (27%)

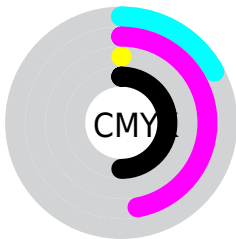
Blue (50%)



Red (42%)

Yellow (27%)

Blue (50%)

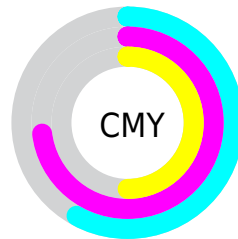


Cyan (17%)

Magenta (47%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.2020, 3.3880, 26.7160 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 86.2020, 3.3880, 26.7160 by changing the saturation by 10% instead.

■ 86.2020, 3.3880,
26.7160

■ 86.2020, 3.3880,
26.7160

255.0000, -0.0000,
-0.0000

■ 62.3760, 2.8380,
25.6700

■ 136.8540, 4.4880,
28.8080

■ 38.8490, 2.8840,
24.8360

■ 163.3810, 4.4420,
29.6420

■ 16.4360, 2.6090,
24.3130

■ 190.7940, 4.7170,
30.1650

■ 3.7620, -10.5930,
10.2630

■ 217.3660, 8.7980,
27.7900

■ 0.6840, -1.9260,
1.8660

■ 237.3900, 8.2500,
15.6900

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,

0.5230

■ 86.2020, 3.3880,
26.7160

■ 86.2020, 3.3880,
26.7160

■ 77.0760, 3.9830,
32.4550

■ 95.3280, 2.7930,
20.9770

■ 68.2490, 5.1740,
38.4060

■ 104.1550, 1.6020,
15.0260

■ 59.7100, 5.4940,
43.6220

■ 112.6940, 1.2820,
9.8100

■ 50.5840, 6.0890,
49.3610

■ 121.8200, 0.6870,
4.0710

■ 41.7570, 7.2800,
55.3120

■ 130.6470, -0.5040,
-1.8800

■ 38.8110, 7.1880,
56.9800

■ 139.7730, -1.0990,
-7.6190

■ 148.8990, -1.6940,
-13.3580

■ 157.4380, -2.0140,
-18.5740

■ 166.2650, -3.2050,
-24.5250

Harmonies

Analogous

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



80.1090, -36.3150, 13.8690



86.2020, 3.3880, 26.7160



84.0390, 31.7680, 30.0080

Triad

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



86.2020, 3.3880, 26.7160



80.4510, 40.6700, -10.1940



69.3990, -59.0040, -20.9880

Complementary

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



86.2020, 3.3880, 26.7160



109.7980, -3.3880, -26.7160

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.



65.1640, -48.4570, -30.4170



86.2020, 3.3880, 26.7160



78.0090, 21.0030, -22.7170

Square

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



86.2020, 3.3880, 26.7160



81.8950, 48.8280, 7.1640



73.7480, -9.1190, -27.4790



71.5310, -67.7630, -10.9230

Rectangle

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



86.2020, 3.3880, 26.7160



82.5640, 43.2310, 26.0070



73.7480, -9.1190, -27.4790



68.2590, -55.7940, -24.0980

Sweetspot

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



86.2020, 3.3880, 26.7160



149.8080, 0.9610, 10.1210



87.7540, -25.3100, 7.1540



74.2870, 0.8700, 6.2620



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



86.2020, 3.3880, 26.7160



101.2430, 5.3110, 41.4310



91.8680, 19.0680, 28.8920



58.9940, 0.1370, 3.0250



38.8110, 7.1880, 56.9800



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.4480, 28.6980, 19.5620



104.6830, 44.5140, 30.2900



104.1320, -19.0680, -28.8920



59.4350, 3.2090, 2.4170



43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 86.2020, 3.3880, 26.7160 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



This preview shows how the YIQ color 86.2020, 3.3880, 26.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

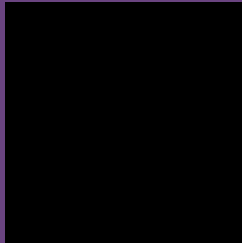
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.2020, 3.3880, 26.7160

Background



This preview shows how black text looks on a background with the YIQ color 86.2020, 3.3880, 26.7160.



This preview shows how white text looks on a background with the YIQ color 86.2020, 3.3880,

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

86.2020, 3.3880, 26.7160

Protanopia

82.0340, -31.7300, 13.3740

Deuteranopia

82.4060, -24.2100, 9.2460



Tritanopia

84.9630, 10.5900, 6.3180

Trichromacy



Original Color

86.2020, 3.3880, 26.7160

Protanomaly

83.7260, -18.9390, 18.3490

Deuteranomaly

84.0700, -14.2160, 15.3520

Tritanomaly

85.3360, 8.3420, 14.0220

Monochromacy



Original Color

86.2020, 3.3880, 26.7160

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.6940, 1.2820, 9.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.2020, 3.3880, 26.7160 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(106, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 68, 128)  
}
```

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(106, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 68, 128) }
```

Border

The CSS property to change the border of an element to YIQ 86.2020, 3.3880, 26.7160 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(106, 68, 128) }
```


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

```
.border{ border-color:rgb(106, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 68,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 86.2020, 3.3880, 26.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 68, 128) }
```

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

```
.background{ background-color: rgb(106, 68,  
128) }
```

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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