

Converting Colors

YIQ(81.3290, 1.0520, 13.9800)

Have a look what the booklet for
YIQ(81.3290, 1.0520, 13.9800)
contains.

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Color

**YIQ(81.3290, 1.0520,
13.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4868
RGB	91, 72, 104
RGB Percent	36%, 28%, 41%
CMY	0.6431, 0.7177, 0.5922
CMYK	0.12, 0.31, 0.00, 0.59
HSL	276°, 18%, 35%
HSV	276°, 31%, 41%
XYZ	9.1313, 7.8581, 14.1308
YIQ	81.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

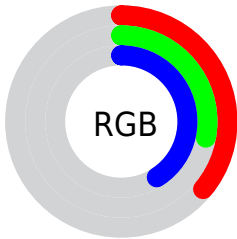
Format	Color
R_{YB}	91, 72, 104
Decimal	5982312
CIE _{Lab}	33.69, 14.84, -15.59
CIE _{LCh}	34, 21.525, 313.577
Yxy	7.8581, 0.2934, 0.2525
Android (android.graphics.Color)	4284172392 (0xFF5B4868)
YUV	81.3290, 11.1768, 8.4815
Hunter-Lab	28.0322, 9.0886, -10.2650

Details

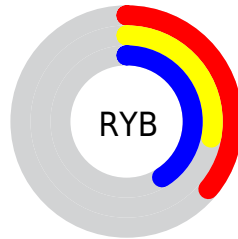
The YIQ color **81.3290, 1.0520, 13.9800** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94.6710, -1.0520, -13.9800**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1550, 1.6020, 15.0260**, and **36.3890, 0.8230, 12.6230** is the 20% darker color. If you saturate the color by 10%, you get **74.2630, 1.4180, 18.3620**, and if you desaturate by 10%, it is **88.3950, 0.6860, 9.5980**.

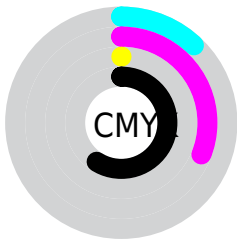
Distribution



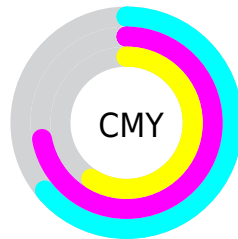
- Red (36%)
- Green (28%)
- Blue (41%)



- Red (36%)
- Yellow (28%)
- Blue (41%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.3290, 1.0520, 13.9800 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 81.3290, 1.0520, 13.9800 by changing the saturation by 10% instead.

81.3290, 1.0520,
13.9800

81.3290, 1.0520,
13.9800

255.0000, -0.0000,
-0.0000

57.9160, 0.7770,
13.4570

131.1550, 1.6020,
15.0260

36.3890, 0.8230,
12.6230

156.6820, 1.5560,
15.8600

13.8130, 2.5650,
14.0930

183.7960, 1.2350,
16.1710

1.2540, -3.5310,
3.4210

211.5080, 2.1060,
16.9060

0.0000, 0.0000,
0.0000

238.8410, 5.3620,
12.9620

81.3290, 1.0520,
13.9800

81.3290, 1.0520,
13.9800

74.2630, 1.4180,
18.3620

88.3950, 0.6860,
9.5980

66.6100, 2.0590,
23.2670

96.0480, 0.0450,
4.6930

59.2450, 1.8290,
27.4370

103.4130, 0.2750,
0.5230

51.5920, 2.4700,
32.3420

111.0660, -0.3660,
-4.3820

44.5260, 2.8360,
36.7240

118.1320, -0.7320,
-8.7640

37.4600, 3.2020,
41.1060

125.1980, -1.0980,
-13.1460

30.3940, 3.5680,
45.4880

133.1500, -1.1430,
-17.8390

140.2160, -1.5090,

-22.2210

■ 147.8690, -2.1500,
-27.1260

Harmonies

Analogous

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



78.5870, -17.4700, 8.2420



81.3290, 1.0520, 13.9800



81.4680, 16.7780, 15.3220

Triad

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



81.3290, 1.0520, 13.9800



78.9840, 23.2920, -3.6200



67.2550, -40.8030, -14.9390

Complementary

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



81.3290, 1.0520, 13.9800



94.6710, -1.0520, -13.9800

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.



72.0800, -21.3170, -15.6610



81.3290, 1.0520, 13.9800



77.6080, 12.4270, -10.4610

Square

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



81.3290, 1.0520, 13.9800



79.4780, 28.0130, 4.4370



75.1870, -2.5650, -14.0930



65.9860, -50.1110, -11.4470

Rectangle

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



81.3290, 1.0520, 13.9800



81.1220, 23.5640, 13.4840



75.1870, -2.5650, -14.0930



68.9630, -34.1090, -15.1090

Sweetspot

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



81.3290, 1.0520, 13.9800



126.4610, 0.3200, 5.2160



83.2790, -13.8470, 3.1530



63.4070, 0.4120, 3.5480



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



81.3290, 1.0520, 13.9800



99.6700, 1.8300, 21.9100



84.8740, 9.7630, 15.8030



47.4670, 0.1830, 2.1910



33.4420, 3.6130, 50.1810



70.6440, 8.1420, 105.7900

Inverse Universe

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



83.0500, 14.8990, 10.8270



102.2300, 23.3800, 16.8200



91.1260, -9.7630, -15.8030



47.7230, 2.3380, 1.6820



39.7430, 53.4530, 38.9970



83.5300, 112.7740, 81.7820

Previews

White Background



This preview shows how the YIQ color 81.3290, 1.0520, 13.9800 looks on a white background.

Color Contrast Check

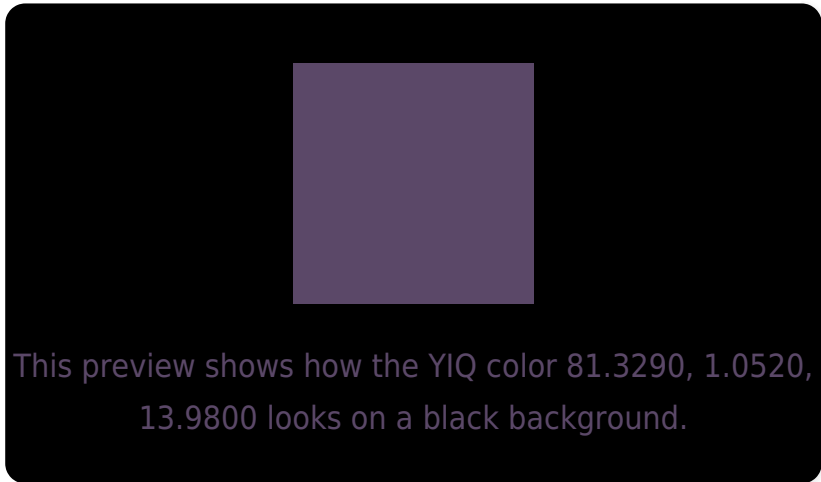
Large Text (above 18pt) WCAG AA ✓ Pass

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

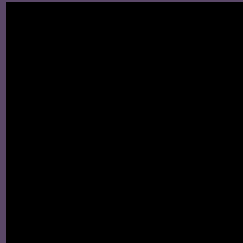
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.3290, 1.0520, 13.9800

Background



This preview shows how black text looks on a background with the YIQ color 81.3290, 1.0520, 13.9800.

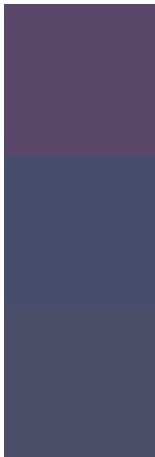


This preview shows how white text looks on a background with the YIQ color 81.3290, 1.0520,

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

81.3290, 1.0520, 13.9800

Protanopia

79.1420, -14.7190, 7.9450

Deuteranopia

79.9530, -9.8130, 7.1390



Tritanopia

80.2720, 5.2260, 4.4100

Trichromacy



Original Color

81.3290, 1.0520, 13.9800

Protanomaly

80.1320, -8.7590, 10.0650

Deuteranomaly

80.5730, -5.6870, 9.4570

Tritanomaly

80.8960, 3.5290, 7.6330

Monochromacy



Original Color

81.3290, 1.0520, 13.9800

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.3470, 0.6410, 4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.3290, 1.0520, 13.9800 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(91, 72, 104)` looks like.

```
.text, #text, p{  
    color:rgb(91, 72, 104)  
}
```

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(91, 72, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 72, 104) }
```

Border

The CSS property to change the border of an element to YIQ 81.3290, 1.0520, 13.9800 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(91, 72, 104) }
```


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

```
.border{ border-color:rgb(91, 72, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 72, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 72, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 72, 104);  
box-shadow:4px 4px 4px 4px rgb(91, 72,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 81.3290, 1.0520, 13.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 72, 104) }
```

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

```
.background{ background-color: rgb(91, 72,  
104) }
```

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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