

Converting Colors

YIQ(88.0520, 2.2490, -13.2310)

Have a look what the booklet for
YIQ(88.0520, 2.2490, -13.2310)
contains.

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Color

**YIQ(88.0520, 2.2490,
-13.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	52603F
RGB	82, 96, 63
RGB Percent	32%, 38%, 25%
CMY	0.6785, 0.6235, 0.7529
CMYK	0.15, 0.00, 0.34, 0.62
HSL	85°, 21%, 31%
HSV	85°, 34%, 38%
XYZ	8.5593, 10.5190, 6.2832
YIQ	88.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

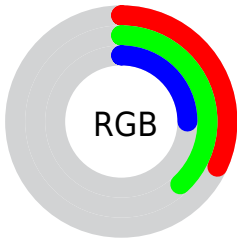
Format	Color
RYB	63, 96, 77
Decimal	5398591
CIELab	38.76, -11.91, 17.12
CIElCh	39, 20.860, 124.823
Yxy	10.5190, 0.3375, 0.4148
Android (android.graphics.Color)	4283588671 (0xFF52603F)
YUV	88.0520, -12.3506, -5.3076
Hunter-Lab	32.4330, -9.6502, 11.2170

Details

The YIQ color **88.0520, 2.2490, -13.2310** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.9480, -2.2490, 13.2310**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.4110, 2.6160, -14.3760**, and **42.3940, 1.2860, -12.2980** is the 20% darker color. If you saturate the color by 10%, you get **85.7160, 3.0750, -17.1890**, and if you desaturate by 10%, it is **90.3880, 1.4230, -9.2730**.

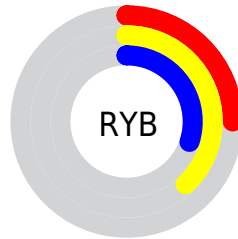
Distribution



Red (32%)

Green (38%)

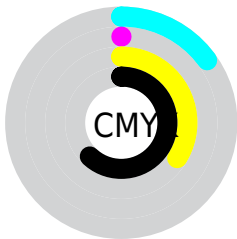
Blue (25%)



Red (25%)

Yellow (38%)

Blue (30%)

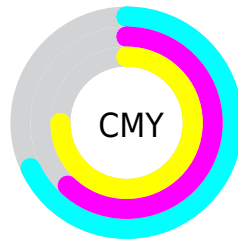


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (62%)



Cyan (68%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.0520, 2.2490, -13.2310 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 88.0520, 2.2490, -13.2310 by changing the saturation by 10% instead.

■ 88.0520, 2.2490,
-13.2310

■ 88.0520, 2.2490,
-13.2310

■ 255.0000, -0.0000,
-0.0000

■ 64.5790, 2.2030,
-12.3970

■ 138.4110, 2.6160,
-14.3760

■ 42.3940, 1.2860,
-12.2980

■ 164.2970, 2.9370,
-14.6870

■ 22.1060, 2.1570,
-11.5630

■ 191.8840, 2.6620,
-15.2100

■ 0.0000, 0.0000,
0.0000

■ 219.7700, 2.9830,
-15.5210

■ 246.5960, 3.5330,
-14.4750

■ 253.9740, 2.8890,

-2.7990

■ 88.0520, 2.2490,
-13.2310

■ 88.0520, 2.2490,
-13.2310

■ 85.7160, 3.0750,
-17.1890

■ 90.3880, 1.4230,
-9.2730

■ 83.4940, 3.5800,
-20.8360

■ 92.6100, 0.9180,
-5.6260

■ 81.1580, 4.4060,
-24.7940

■ 94.9460, 0.0920,
-1.6680

■ 78.9360, 4.9110,
-28.4410

■ 97.1680, -0.4130,
1.9790

■ 76.6000, 5.7370,
-32.3990

■ 99.5040, -1.2390,
5.9370

■ 74.2640, 6.5630,
-36.3570

■ 101.8400, -2.0650,
9.8950

■ 72.7970, 6.3800,
-38.5480

■ 104.3610, -1.9740,
13.7540

■ 106.6970, -2.8000,
17.7120

■ 108.9190, -3.3050,
21.3590

Harmonies

Analogous

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



89.8150, 16.2780, -8.6660



88.0520, 2.2490, -13.2310



85.3150, -14.6690, -14.9970

Triad

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



88.0520, 2.2490, -13.2310



84.7860, -37.5040, -3.1360



93.0080, 23.8850, 13.1730

Complementary

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



88.0520, 2.2490, -13.2310



70.9480, -2.2490, 13.2310

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.



94.0160, 12.2390, 14.9830



88.0520, 2.2490, -13.2310



90.0810, -21.9170, 6.2350

Square

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



88.0520, 2.2490, -13.2310



81.1070, -43.1420, -11.0940



93.0510, -4.0370, 12.5950



92.3580, 28.4710, 7.1510

Rectangle

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



88.0520, 2.2490, -13.2310



83.3830, -26.5440, -14.5440



93.0510, -4.0370, 12.5950



93.6810, 20.4920, 14.0920

Sweetspot

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



88.0520, 2.2490, -13.2310



122.0230, 1.1930, -5.1030



81.0850, 15.8180, -0.3260



61.8920, 0.1840, -3.3360



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



88.0520, 2.2490, -13.2310



112.6080, 3.2590, -20.5250



83.2680, -7.2870, -16.6230



46.9460, 0.0920, -1.6680



85.1790, 7.9400, -44.7960



182.1420, 16.2480, -96.2640

Inverse Universe

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



70.9480, -2.2490, 13.2310



86.0930, -3.8550, 20.3130



75.7320, 7.2870, 16.6230



45.0540, -0.0920, 1.6680



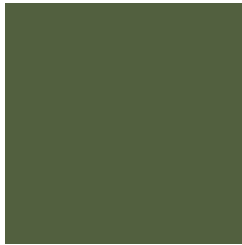
27.1200, -7.3440, 45.0080



57.8580, -16.2480, 96.2640

Previews

White Background



This preview shows how the YIQ color 88.0520, 2.2490, -13.2310 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 88.0520, 2.2490, -13.2310 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

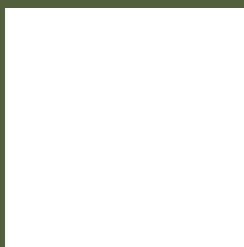
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 88.0520, 2.2490, -13.2310

Background



This preview shows how black text looks on a background with the YIQ color 88.0520, 2.2490, -13.2310.



This preview shows how white text looks on a background with the YIQ color 88.0520, 2.2490,

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

88.0520, 2.2490, -13.2310

Protanopia

89.9720, 14.3980, -7.6340

Deuteranopia

90.7710, 19.5780, -2.3900



Tritanopia

91.3030, -5.2270, 1.1170

Trichromacy



Original Color

88.0520, 2.2490, -13.2310

Protanomaly

89.4660, 9.9510, -9.6410

Deuteranomaly

89.7270, 13.7100, -6.1780

Tritanomaly

89.8100, -2.5210, -3.8730

Monochromacy



Original Color

88.0520, 2.2490, -13.2310

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.0520, 2.2490, -13.2310 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(82, 96, 63)` looks like.

```
.text, #text, p{  
    color:rgb(82, 96, 63)  
}
```

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(82, 96, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 96, 63) }
```

Border

The CSS property to change the border of an element to YIQ 88.0520, 2.2490, -13.2310 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(82, 96, 63) }
```


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

```
.border{ border-color:rgb(82, 96, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 96, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 96, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 96, 63);  
box-shadow:4px 4px 4px 4px rgb(82, 96, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.0520, 2.2490, -13.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 96, 63) }
```

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

```
.background{ background-color: rgb(82, 96,  
63) }
```

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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