

Converting Colors

YIQ(115.1490, -25.7650,
-12.1410)

Have a look what the booklet for
YIQ(115.1490, -25.7650, -12.1410)
contains.

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Color

**YIQ(115.1490, -25.7650,
-12.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	53827B
RGB	83, 130, 123
RGB Percent	33%, 51%, 48%
CMY	0.6746, 0.4901, 0.5177
CMYK	0.36, 0.00, 0.05, 0.49
HSL	171°, 22%, 42%
HSV	171°, 36%, 51%
XYZ	15.1235, 19.2376, 21.6469
YIQ	115.1490, -25.7650, -12.1410

Conversions

Conversions Part 2

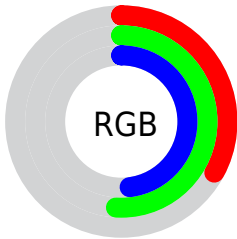
Format	Color
RYB	83, 108, 130
Decimal	5472891
CIELab	50.96, -17.70, -1.27
CIELCh	51, 17.743, 184.114
Yxy	19.2376, 0.2700, 0.3435
Android (android.graphics.Color)	4283662971 (0xFF53827B)
YUV	115.1490, 3.8705, -28.1947
Hunter-Lab	43.8607, -15.2080, 1.4406

Details

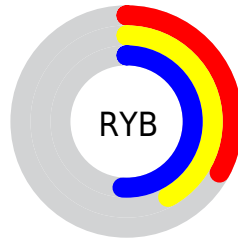
The YIQ color **115.1490, -25.7650, -12.1410** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97.8510, 25.7650, 12.1410**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4370, -26.6360, -12.8760**, and **65.5620, -25.4900, -11.6180** is the 20% darker color. If you saturate the color by 10%, you get **111.0340, -32.8710, -15.5190**, and if you desaturate by 10%, it is **119.2640, -18.6590, -8.7630**.

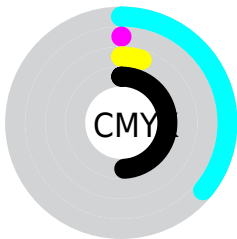
Distribution



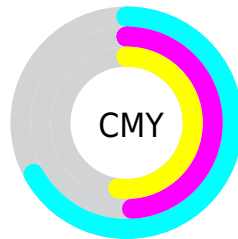
- Red (33%)
- Green (51%)
- Blue (48%)



- Red (33%)
- Yellow (42%)
- Blue (51%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (67%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1490, -25.7650, -12.1410 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 115.1490, -25.7650, -12.1410 by changing the saturation by 10% instead.

■ 115.1490,
-25.7650, -12.1410

■ 115.1490,
-25.7650, -12.1410

■ 255.0000, -0.0000,
-0.0000

■ 90.1490, -25.7650,
-12.1410

■ 167.4370,
-26.6360, -12.8760

■ 65.2630, -26.0860,
-11.8300

■ 195.1380,
-27.2320, -13.0880

■ 40.8820, -29.3870,
-12.5790

■ 223.1380,
-27.2320, -13.0880

■ 24.0790, -19.5760,
-8.6640

■ 243.6380,
-22.6480, -8.0560

■ 4.7930, -3.8510,
-1.7950

■ 252.3090, -5.3640,
-1.9080

■ 0.0000, 0.0000,
0.0000

■ 115.1490,
-25.7650, -12.1410

■ 115.1490,
-25.7650, -12.1410

■ 111.0340,
-32.8710, -15.5190

■ 119.2640,
-18.6590, -8.7630

■ 106.9190,
-39.9770, -18.8970

■ 123.3790,
-11.5530, -5.3850

■ 102.8040,
-47.0830, -22.2750

■ 127.4940, -4.4470,
-2.0070

■ 98.6890, -54.1890,
-25.6530

■ 131.6090, 2.6590,
1.3710

■ 94.5740, -61.2950,
-29.0310

■ 135.7240, 9.7650,
4.7490

■ 90.4590, -68.4010,
-32.4090

■ 139.8390, 16.8710,
8.1270

■ 88.9640, -71.3810,
-33.4690

■ 143.9540, 23.9770,
11.5050

■ 148.0690, 31.0830,

14.8830

■ 152.1840, 38.1890,
18.2610

Harmonies

Analogous

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



117.0380, -12.3310, -13.3150



115.1490, -25.7650, -12.1410



114.7770, -33.2850, -8.0130

Triad

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



115.1490, -25.7650, -12.1410



123.2960, -3.3490, 11.1390



121.9780, 23.4290, -0.5950

Complementary

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



115.1490, -25.7650, -12.1410



97.8510, 25.7650, 12.1410

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.



123.1620, 26.0870, 6.3030



115.1490, -25.7650, -12.1410



123.8910, 11.0930, 13.7250

Square

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



115.1490, -25.7650, -12.1410



120.5220, -18.8450, 5.6270



123.9860, 20.9510, 11.2790



120.5700, 15.5900, -7.2100

Rectangle

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



115.1490, -25.7650, -12.1410



116.4830, -32.2770, -4.2530



123.9860, 20.9510, 11.2790



121.9290, 25.1250, 1.7090

Sweetspot

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



115.1490, -25.7650, -12.1410



162.3900, -10.0860, -4.4380



112.6820, -8.7530, -23.0970



80.5970, -6.2350, -2.6430



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.



115.1490, -25.7650, -12.1410



145.2180, -39.3810, -18.6850



106.5550, -23.6120, -1.5960



61.7930, -3.8510, -1.7950



87.4480, -69.8680, -33.3560



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.8510, 25.7650, 12.1410



118.7820, 39.3810, 18.6850



106.4450, 23.6120, 1.5960



59.2070, 3.8510, 1.7950



40.4380, 70.1890, 33.0450



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.1490, -25.7650, -12.1410 looks on a white 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

Black Background



This preview shows how the YIQ color 115.1490, -25.7650, -12.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

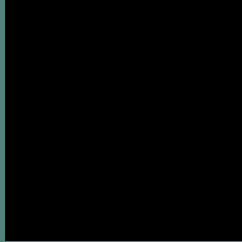
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1490, -25.7650, -12.1410 Background



This preview shows how black text looks on a background with the YIQ color 115.1490, -25.7650, -12.1410.



This preview shows how white text looks on a background with the YIQ color 115.1490, -25.7650, -12.1410.

-12.1410.

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

115.1490, -25.7650, -12.1410

Protanopia

120.8540, 3.3470, -0.0850

Deuteranopia

121.9130, 4.8590, 5.5550



Tritanopia

116.8810, -27.6460, -5.5820

Trichromacy



Original Color

115.1490, -25.7650, -12.1410

Protanomaly

118.9450, -7.3350, -4.7350

Deuteranomaly

119.6510, -6.3270, -0.9750

Tritanomaly

116.5990, -26.9120, -7.8720

Monochromacy



Original Color

115.1490, -25.7650, -12.1410

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.6890, -9.4900, -4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1490, -25.7650, -12.1410 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(83, 130, 123)` looks like.

```
.text, #text, p{  
    color:rgb(83, 130, 123)  
}
```

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(83, 130, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 130, 123) }
```

Border

The CSS property to change the border of an element to YIQ 115.1490, -25.7650, -12.1410 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(83, 130, 123) }
```


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

```
.border{ border-color:rgb(83, 130, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 130, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 130, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 130, 123);  
box-shadow:4px 4px 4px 4px rgb(83, 130,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1490, -25.7650, -12.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 130, 123) }
```

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

```
.background{ background-color: rgb(83, 130,  
123) }
```

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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