

Converting Colors

YIQ(129.3300, -25.9110,
34.5770)

Have a look what the booklet for
YIQ(129.3300, -25.9110, 34.5770)
contains.

YIQ(129.3300, -25.9110, 34.5770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.3300, -25.9110,
34.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	7E72D9
RGB	126, 114, 217
RGB Percent	49%, 45%, 85%
CMY	0.5058, 0.5530, 0.1492
CMYK	0.42, 0.47, 0.00, 0.15
HSL	247°, 58%, 65%
HSV	247°, 47%, 85%
XYZ	27.1428, 21.4783, 68.3290
YIQ	129.3300, -25.9110, 34.5770

Conversions

Conversions Part 2

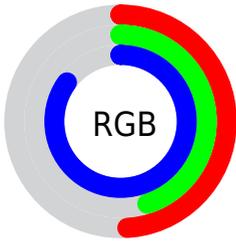
Format	Color
RYB	126, 114, 217
Decimal	8286937
CIELab	53.47, 29.83, -51.46
CIElCh	53, 59.475, 300.099
Yxy	21.4783, 0.2321, 0.1837
Android (android.graphics.Color)	4286477017 (0xFF7E72D9)
YUV	129.3300, 43.2213, -2.9204
Hunter-Lab	46.3447, 23.4392, -54.9739

Details

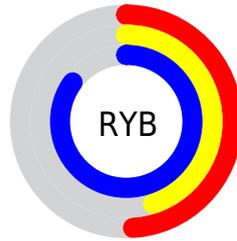
The YIQ color **129.3300, -25.9110, 34.5770** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **201.6700, 25.9110, -34.5770**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2290, -18.4370, 31.2830**, and **78.0260, -28.1110, 30.3930** is the 20% darker color. If you saturate the color by 10%, you get **110.7350, -31.1850, 42.0550**, and if you desaturate by 10%, it is **147.9250, -20.6370, 27.0990**.

Distribution



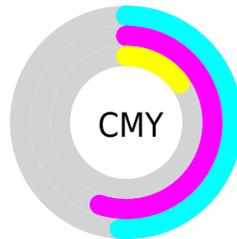
- Red (49%)
- Green (45%)
- Blue (85%)



- Red (49%)
- Yellow (45%)
- Blue (85%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3300, -25.9110, 34.5770 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 129.3300, -25.9110, 34.5770 by changing the saturation by 10% instead.

■ 129.3300,
-25.9110, 34.5770

■ 129.3300,
-25.9110, 34.5770

■ 255.0000, -0.0000,
-0.0000

■ 103.0910,
-26.7360, 33.0080

■ 181.2290,
-18.4370, 31.2830

■ 78.0260, -28.1110,
30.3930

■ 205.4500, -9.1740,
23.0980

■ 52.2920, -31.9160,
27.7640

■ 230.8560, 1.0060,
14.8140

■ 25.9270, -41.3140,
21.8700

■ 252.0650, 1.3750,
2.6150

■ 9.5760, -26.9640,
26.1240

■ 9.1880, -20.3600,
16.5680

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 129.3300,
-25.9110, 34.5770

■ 129.3300,
-25.9110, 34.5770

■ 110.7350,
-31.1850, 42.0550

■ 147.9250,
-20.6370, 27.0990

■ 92.7270, -36.7340,
49.0100

■ 165.9330,
-15.0880, 20.1440

■ 74.1320, -42.0080,
56.4880

■ 184.8270, -9.2180,
12.8780

■ 55.2380, -47.8780,
63.7540

■ 203.4220, -3.9440,
5.4000

■ 37.2300, -53.4270,
70.7090

■ 221.4300, 1.6050,
-1.5550

■ 32.2130, -54.7570,
72.7870

■ 240.0250, 6.8790,
-9.0330

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



104.9920, -111.0010, 1.7590



129.3300, -25.9110, 34.5770



129.8610, 30.1140, 48.9780

Triad

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



129.3300, -25.9110, 34.5770



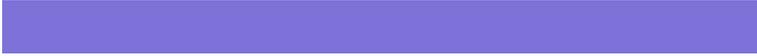
123.0330, 74.3220, -3.3260



103.0010, -81.9710, -39.7870

Complementary

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



129.3300, -25.9110, 34.5770



201.6700, 25.9110, -34.5770

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.



95.3120, -64.4540, -54.3900



129.3300, -25.9110, 34.5770



118.8230, 56.2170, -33.1510

Square

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



129.3300, -25.9110, 34.5770



122.8980, 80.2770, 26.4290



115.3430, 13.3500, -43.7220



108.9290, -98.6630, -23.6150

Rectangle

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



129.3300, -25.9110, 34.5770



126.2200, 56.8440, 49.1320



115.3430, 13.3500, -43.7220



100.9490, -76.1930, -45.3850

Sweetspot

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



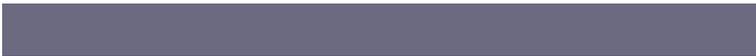
129.3300, -25.9110, 34.5770



224.3000, -9.1720, 12.0440



179.1590, -58.0880, -15.5600



109.1060, -5.8700, 7.2660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



129.3300, -25.9110, 34.5770



131.6130, -36.4130, 48.6990



144.5790, 4.4850, 45.3890



100.5530, -2.9350, 3.6330



25.7020, -43.6130, 58.0430



6.7390, -11.7860, 15.3660

Inverse Universe

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



155.1710, 32.1770, 50.1370



167.9470, 45.3320, 70.5480



186.1220, -5.0810, -45.6010



103.3150, 3.6670, 5.1310



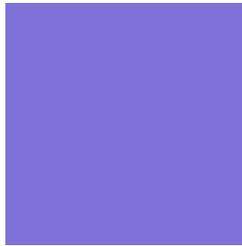
69.1690, 53.9950, 84.2590



18.4280, 14.2550, 22.5030

Previews

White Background



This preview shows how the YIQ color 129.3300, -25.9110, 34.5770 looks on a white background.

Color Contrast Check

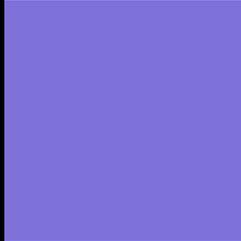
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3300, -25.9110, 34.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

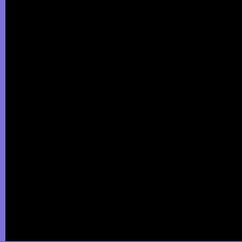
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.3300, -25.9110, 34.5770

Background



This preview shows how black text looks on a background with the YIQ color 129.3300, -25.9110, 34.5770.



This preview shows how white text looks on a background with the YIQ color 129.3300, -25.9110,

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

129.3300, -25.9110, 34.5770

Protanopia

122.2870, -59.8830, 22.4930

Deuteranopia

120.7500, -63.0450, 13.7150



Tritanopia

125.0780, -17.8350, -1.6670

Trichromacy



Original Color

129.3300, -25.9110, 34.5770

Protanomaly

124.5660, -47.3670, 26.9450

Deuteranomaly

124.2080, -49.4750, 21.0930

Tritanomaly

126.7270, -20.6800, 11.3520

Monochromacy



Original Color

129.3300, -25.9110, 34.5770

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.4140, -9.4930, 12.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3300, -25.9110, 34.5770 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(126, 114, 217)` looks like.

```
.text, #text, p{  
    color:rgb(126, 114, 217)  
}
```

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(126, 114, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 114, 217) }
```

Border

The CSS property to change the border of an element to YIQ 129.3300, -25.9110, 34.5770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

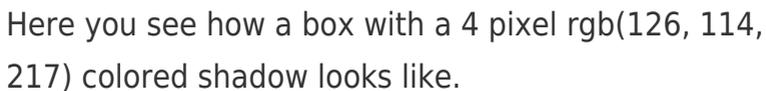
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 114, 217) }
```

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

```
.border{ border-color:rgb(126, 114, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 114, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 114, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 114, 217); box-shadow:4px 4px 4px 4px rgb(126, 114, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3300, -25.9110, 34.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 114, 217) }
```

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

```
.background{ background-color: rgb(126,  
114, 217) }
```

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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