

Converting Colors

YIQ(137.8870, -26.6420,
20.2860)

Have a look what the booklet for
YIQ(137.8870, -26.6420, 20.2860)
contains.

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Color

**YIQ(137.8870, -26.6420,
20.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	7D84CA
RGB	125, 132, 202
RGB Percent	49%, 52%, 79%
CMY	0.5098, 0.4823, 0.2080
CMYK	0.38, 0.35, 0.00, 0.21
HSL	235°, 42%, 64%
HSV	235°, 38%, 79%
XYZ	27.3660, 25.1262, 59.2593
YIQ	137.8870, -26.6420, 20.2860

Conversions

Conversions Part 2

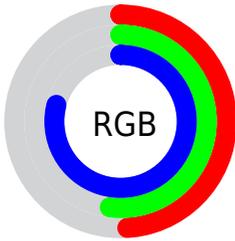
Format	Color
R_{YB}	125, 131, 202
Decimal	8225994
CIE _{Lab}	57.20, 14.65, -37.09
CIE _{LCh}	57, 39.877, 291.559
Yxy	25.1262, 0.2449, 0.2248
Android (android.graphics.Color)	4286416074 (0xFF7D84CA)
YUV	137.8870, 31.6077, -11.3019
Hunter-Lab	50.1260, 9.7303, -35.0047

Details

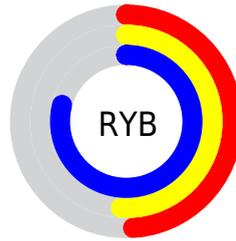
The YIQ color $137.8870, -26.6420, 20.2860$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.1130, 26.6420, -20.2860$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.4850, -25.4500, 20.7100$, and $87.1210, -27.4210, 17.8830$ is the 20% darker color. If you saturate the color by 10%, you get $121.3410, -33.6120, 25.4600$, and if you desaturate by 10%, it is $154.4330, -19.6720, 15.1120$.

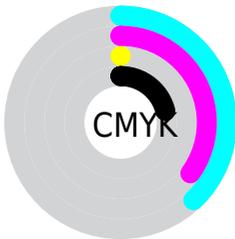
Distribution



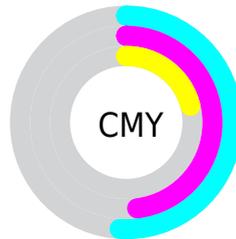
- Red (49%)
- Green (52%)
- Blue (79%)



- Red (49%)
- Yellow (51%)
- Blue (79%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8870, -26.6420, 20.2860 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 137.8870, -26.6420, 20.2860 by changing the saturation by 10% instead.

■ 137.8870,
-26.6420, 20.2860

■ 137.8870,
-26.6420, 20.2860

■ 255.0000, -0.0000,
-0.0000

■ 111.9470,
-26.8710, 18.9290

■ 191.4850,
-25.4500, 20.7100

■ 87.0070, -27.1000,
17.5720

■ 216.2930,
-16.4620, 12.0020

■ 62.4690, -28.5210,
15.7910

■ 241.4000, -6.8780,
3.5060

■ 36.8380, -34.1140,
12.5260

■ 19.3610, -28.3370,
12.4550

■ 6.7600, -16.2790,
14.1930

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 137.8870,
-26.6420, 20.2860

■ 137.8870,
-26.6420, 20.2860

■ 121.3410,
-33.6120, 25.4600

■ 154.4330,
-19.6720, 15.1120

■ 104.2080,
-40.3070, 31.1570

■ 171.5660,
-12.9770, 9.4150

■ 87.3630, -47.8730,
36.1190

■ 188.4110, -5.4110,
4.4530

■ 70.8170, -54.8430,
41.2930

■ 204.9570, 1.5590,
-0.7210

■ 53.6840, -61.5380,
46.9900

■ 222.0900, 8.2540,
-6.4180

■ 37.1380, -68.5080,
52.1640

■ 238.6360, 15.2240,
-11.5920

■ 33.5940, -69.7920,
53.4080

■ 248.9580, 17.0130,
-16.4830

Harmonies

Analogous

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



124.1580, -73.5420, 0.2020



137.8870, -26.6420, 20.2860



141.6160, 11.0900, 30.3060

Triad

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



137.8870, -26.6420, 20.2860



136.8370, 54.7430, 4.5910



114.6180, -64.5950, -35.3070

Complementary

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



137.8870, -26.6420, 20.2860



189.1130, 26.6420, -20.2860

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.



127.0460, -15.9500, -30.3340



137.8870, -26.6420, 20.2860



135.0550, 41.7250, -12.7950

Square

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



137.8870, -26.6420, 20.2860



138.2630, 54.1440, 20.9600



131.9870, 18.0690, -24.6110



109.4530, -94.6270, -30.6830

Rectangle

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



137.8870, -26.6420, 20.2860



141.0930, 31.6760, 31.6760



131.9870, 18.0690, -24.6110



120.7360, -44.3760, -32.7920

Sweetspot

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



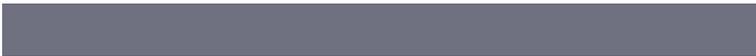
137.8870, -26.6420, 20.2860



231.3660, -9.5380, 7.6620



178.0650, -43.3240, -18.8120



113.5250, -5.7320, 4.7640



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

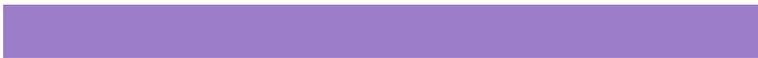
The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.8870, -26.6420, 20.2860



157.2080, -40.3070, 31.1570



143.0470, -6.2410, 30.5190



93.7270, -3.4850, 2.5870



27.7290, -57.4110, 43.7810



6.0930, -13.0230, 10.2490

Inverse Universe

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



148.8210, 43.6450, 18.5010



174.1230, 66.5220, 27.9140



183.9530, 6.2410, -30.5190



95.1040, 5.6390, 2.4310



51.3440, 94.1210, 39.8570



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 137.8870, -26.6420, 20.2860 looks on a white background.

Color Contrast Check

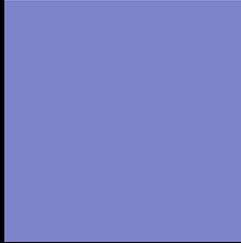
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8870, -26.6420, 20.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

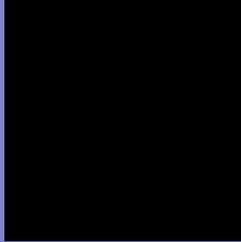
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8870, -26.6420, 20.2860

Background



This preview shows how black text looks on a background with the YIQ color 137.8870, -26.6420, 20.2860.



This preview shows how white text looks on a background with the YIQ color 137.8870, -26.6420,

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

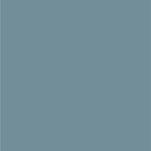
137.8870, -26.6420, 20.2860

Protanopia

136.2880, -35.2610, 16.7950

Deuteranopia

135.6360, -36.3610, 14.7030



Tritanopia

134.5830, -20.8150, -2.7270

Trichromacy



Original Color

137.8870, -26.6420, 20.2860

Protanomaly

136.7830, -32.2810, 17.8550

Deuteranomaly

136.5440, -33.1060, 16.2860

Tritanomaly

135.4830, -23.1090, 5.8110

Monochromacy



Original Color

137.8870, -26.6420, 20.2860

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9530, -9.8130, 7.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8870, -26.6420, 20.2860 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(125, 132, 202)` looks like.

```
.text, #text, p{  
    color:rgb(125, 132, 202)  
}
```

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(125, 132, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 202) }
```

Border

The CSS property to change the border of an element to YIQ 137.8870, -26.6420, 20.2860 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(125, 132, 202) }
```


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

```
.border{ border-color:rgb(125, 132, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 132, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 202);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8870, -26.6420, 20.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 202) }
```

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

```
.background{ background-color: rgb(125,  
132, 202) }
```

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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