

Converting Colors

YIQ(137.1620, 70.7860, 27.7300)

Have a look what the booklet for
YIQ(137.1620, 70.7860, 27.7300)
contains.

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Color

**YIQ(137.1620, 70.7860,
27.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	DE646A
RGB	222, 100, 106
RGB Percent	87%, 39%, 42%
CMY	0.1291, 0.6080, 0.5840
CMYK	0.00, 0.55, 0.52, 0.13
HSL	357°, 65%, 63%
HSV	357°, 55%, 87%
XYZ	37.3046, 25.6880, 16.6470
YIQ	137.1620, 70.7860, 27.7300

Conversions

Conversions Part 2

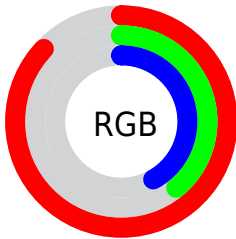
Format	Color
R_{YB}	222, 100, 106
Decimal	14574698
CIE _{Lab}	57.74, 48.24, 20.19
CIE _{LCh}	58, 52.294, 22.715
Yxy	25.6880, 0.4684, 0.3226
Android (android.graphics.Color)	4292764778 (0xFFDE646A)
YUV	137.1620, -15.3629, 74.4029
Hunter-Lab	50.6834, 42.6860, 16.0045

Details

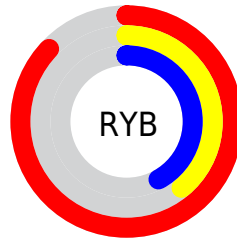
The YIQ color **137.1620, 70.7860, 27.7300** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **184.8380, -70.7860, -27.7300**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5410, 59.2330, 22.3450**, and **82.1660, 64.9630, 28.6350** is the 20% darker color. If you saturate the color by 10%, you get **121.8540, 83.5770, 32.7050**, and if you desaturate by 10%, it is **152.4700, 57.9950, 22.7550**.

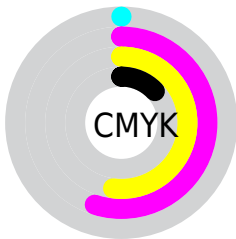
Distribution



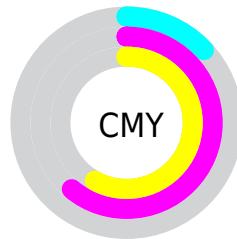
- Red (87%)
- Green (39%)
- Blue (42%)



- Red (87%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (13%)





- Cyan (13%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.1620, 70.7860, 27.7300 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 137.1620, 70.7860, 27.7300 by changing the saturation by 10% instead.


 137.1620, 70.7860,
27.7300


 137.1620, 70.7860,
27.7300


255.0000, -0.0000,
-0.0000


 109.6070, 68.0350,
28.0270


 184.5410, 59.2330,
22.3450


 82.1660, 64.9630,
28.6350


 204.0550, 42.8660,
16.0980


 51.0290, 64.0910,
33.4270

 224.2700, 25.9030,
9.6390

 33.0340, 56.5270,
27.3350

 244.4850, 8.9400,
3.1800

 22.4250, 44.7000,
15.9000

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 137.1620, 70.7860,
27.7300

■ 137.1620, 70.7860,
27.7300

■ 121.8540, 83.5770,
32.7050

■ 152.4700, 57.9950,
22.7550

■ 106.5460, 96.3680,
37.6800

■ 167.7780, 45.2040,
17.7800

■ 90.6510, 109.4340,
43.1780

■ 183.6730, 32.1380,
12.2820

■ 75.3430, 122.2250,
48.1530

■ 198.9810, 19.3470,
7.3070

■ 67.6320, 128.7810,
50.4850

■ 214.4030, 6.2350,
2.6430

■ 229.7110, -6.5560,
-2.3320

■ 245.0190,
-19.3470, -7.3070

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



139.4380, 52.9940, 41.8100



137.1620, 70.7860, 27.7300



136.7370, 69.6440, 4.3640

Triad

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



137.1620, 70.7860, 27.7300



122.3340, -25.9890, -41.1330



112.3950, -113.9340, -5.6620

Complementary

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



137.1620, 70.7860, 27.7300



184.8380, -70.7860, -27.7300

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.



116.2130, -110.9060, -16.4900



137.1620, 70.7860, 27.7300



108.2840, -84.4460, -44.4940

Square

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



137.1620, 70.7860, 27.7300



130.6310, 21.6470, -34.3930



114.2290, -99.8080, -30.4000



138.4980, -35.4920, 26.4920

Rectangle

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



137.1620, 70.7860, 27.7300



135.3360, 59.9270, -12.2730



114.2290, -99.8080, -30.4000



114.4010, -114.0710, -8.6870

Sweetspot

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



137.1620, 70.7860, 27.7300



226.4870, 23.7940, 9.3140



147.9940, 28.7820, 62.1100



110.5890, 14.5790, 5.6110



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.



137.1620, 70.7860, 27.7300



138.1440, 97.5600, 38.1040



167.5890, 58.1370, -1.8550



104.4030, 6.2350, 2.6430



53.6500, 102.0070, 40.1110



14.5800, 27.9660, 10.7980

Inverse Universe

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



137.1620, 70.7860, 27.7300



138.1440, 97.5600, 38.1040



154.4110, -58.1370, 1.8550



104.4030, 6.2350, 2.6430



53.6500, 102.0070, 40.1110



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 137.1620, 70.7860, 27.7300 looks on a white background.

Color Contrast Check

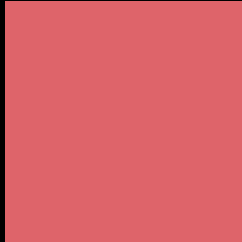
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1620, 70.7860, 27.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

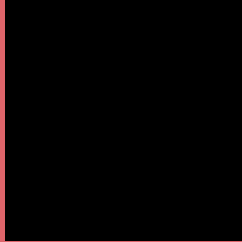
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.1620, 70.7860, 27.7300

Background



This preview shows how black text looks on a background with the YIQ color 137.1620, 70.7860, 27.7300.



This preview shows how white text looks on a background with the YIQ color 137.1620, 70.7860,

27.7300.

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

137.1620, 70.7860, 27.7300

Protanopia

139.1980, 8.0700, -3.0820

Deuteranopia

138.9200, 29.3440, -3.1680



Tritanopia

137.2760, 70.4650, 28.0410

Trichromacy



Original Color

137.1620, 70.7860, 27.7300

Protanomaly

138.5540, 30.8550, 7.9990

Deuteranomaly

138.3830, 44.5180, 8.1820

Tritanomaly

137.2760, 70.4650, 28.0410

Monochromacy



Original Color

137.1620, 70.7860, 27.7300

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3840, 25.5820, 9.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1620, 70.7860, 27.7300 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(222, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(222, 100, 106)  
}
```

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(222, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 100, 106) }
```

Border

The CSS property to change the border of an element to YIQ 137.1620, 70.7860, 27.7300 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(222, 100, 106) }
```


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

```
.border{ border-color:rgb(222, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(222, 100,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1620, 70.7860, 27.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 100, 106) }
```

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

```
.background{ background-color: rgb(222,  
100, 106) }
```

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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