

Converting Colors

YIQ(137.5850, 65.1010, 26.1330)

Have a look what the booklet for
YIQ(137.5850, 65.1010, 26.1330)
contains.

YIQ(137.5850, 65.1010, 26.1330)	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(137.5850, 65.1010,
26.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	D8676E
RGB	216, 103, 110
RGB Percent	85%, 40%, 43%
CMY	0.1527, 0.5962, 0.5684
CMYK	0.00, 0.52, 0.49, 0.15
HSL	356°, 59%, 63%
HSV	356°, 52%, 85%
XYZ	36.0030, 25.4278, 17.7808
YIQ	137.5850, 65.1010, 26.1330

Conversions

Conversions Part 2

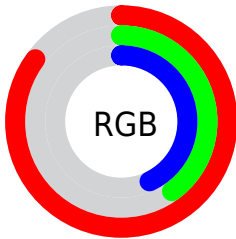
Format	Color
R _Y B	216, 103, 110
Decimal	14182254
CIE Lab	57.49, 45.01, 17.39
CIE LCh	57, 48.249, 21.124
Yxy	25.4278, 0.4545, 0.3210
Android (android.graphics.Color)	4292372334 (0xFFD8676E)
YUV	137.5850, -13.5994, 68.7700
Hunter-Lab	50.4260, 39.1995, 14.3919

Details

The YIQ color **137.5850, 65.1010, 26.1330** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **181.4150, -65.1010, -26.1330**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.7580, 57.1240, 22.0200**, and **83.4750, 59.5990, 26.7270** is the 20% darker color. If you saturate the color by 10%, you get **122.3910, 77.5710, 31.4190**, and if you desaturate by 10%, it is **152.7790, 52.6310, 20.8470**.

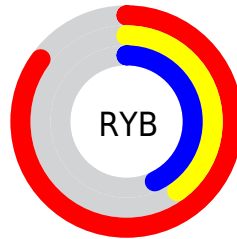
Distribution



Red (85%)

Green (40%)

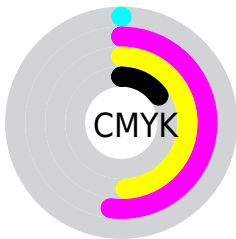
Blue (43%)



Red (85%)

Yellow (40%)

Blue (43%)

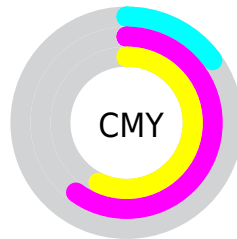


Cyan (0%)

Magenta (52%)

Yellow (49%)

Black (15%)



Cyan (15%)


Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.5850, 65.1010, 26.1330 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 137.5850, 65.1010, 26.1330 by changing the saturation by 10% instead.


 137.5850, 65.1010,
26.1330


 137.5850, 65.1010,
26.1330


255.0000, -0.0000,
-0.0000


 110.6170, 62.0750,
25.9070


 186.8720, 56.8030,
22.3310

 83.4750, 59.5990,
26.7270


 206.3860, 40.4360,
16.0840


 55.2730, 57.3520,
28.9040

 225.9000, 24.0690,
9.8370

 31.9950, 52.2630,
27.5190

 246.2290, 6.7850,
3.6890

 21.5280, 42.9120,
15.2640

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 137.5850, 65.1010,
26.1330

■ 137.5850, 65.1010,
26.1330

■ 122.3910, 77.5710,
31.4190

■ 152.7790, 52.6310,
20.8470

■ 107.7840, 89.7660,
36.1820

■ 167.5000, 40.1150,
16.3950

■ 92.4760, 102.5570,
41.1570

■ 182.6940, 27.6450,
11.1090

■ 77.8690, 114.7520,
45.9200

■ 197.3010, 15.4500,
6.3460

■ 66.1800, 124.2420,
50.1460

■ 212.4950, 2.9800,
1.0600

■ 227.8030, -9.8110,
-3.9150

■ 242.4100,
-22.0060, -8.6780

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



139.6930, 47.7220, 38.2340



137.5850, 65.1010, 26.1330



136.3390, 65.0130, 5.6930

Triad

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



137.5850, 65.1010, 26.1330



124.3780, -20.1210, -37.3450



110.8960, -111.0910, -7.6270

Complementary

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



137.5850, 65.1010, 26.1330



181.4150, -65.1010, -26.1330

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.



114.1270, -107.7880, -17.9320



137.5850, 65.1010, 26.1330



106.8820, -83.2540, -44.0700

Square

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



137.5850, 65.1010, 26.1330



131.1520, 21.7380, -30.5340



112.3710, -97.3320, -31.2200



137.8030, -35.0330, 23.6790

Rectangle

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



137.5850, 65.1010, 26.1330



135.4760, 56.7170, -9.1630



112.3710, -97.3320, -31.2200



112.7880, -110.9070, -10.9630

Sweetspot

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



137.5850, 65.1010, 26.1330



226.6010, 23.4730, 9.6250



147.5760, 26.9030, 57.6150



110.7030, 14.2580, 5.9220



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.



137.5850, 65.1010, 26.1330



143.2790, 92.7460, 37.2420



165.5500, 53.8730, -1.6710



99.4030, 6.2350, 2.6430



52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Inverse Universe

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



137.5850, 65.1010, 26.1330



143.2790, 92.7460, 37.2420



153.4500, -53.8730, 1.6710



99.4030, 6.2350, 2.6430



52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 137.5850, 65.1010, 26.1330 looks on a white background.

Color Contrast Check

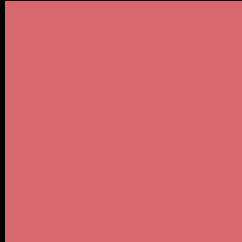
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.5850, 65.1010, 26.1330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

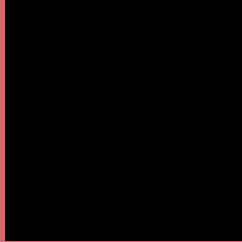
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.5850, 65.1010, 26.1330

Background



This preview shows how black text looks on a background with the YIQ color 137.5850, 65.1010, 26.1330.



This preview shows how white text looks on a background with the YIQ color 137.5850, 65.1010,

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

137.5850, 65.1010, 26.1330

Protanopia

138.5400, 7.1070, -2.1490

Deuteranopia

138.7780, 26.8680, -2.3480



Tritanopia

137.5850, 65.1010, 26.1330

Trichromacy



Original Color

137.5850, 65.1010, 26.1330

Protanomaly

137.9990, 28.1040, 8.2960

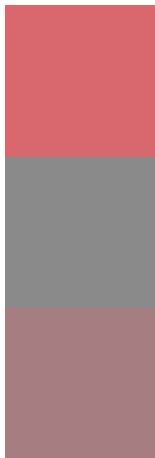
Deuteranomaly

138.2300, 40.5750, 8.0550

Tritanomaly

137.5850, 65.1010, 26.1330

Monochromacy



Original Color

137.5850, 65.1010, 26.1330

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6010, 23.4730, 9.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5850, 65.1010, 26.1330 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(216, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(216, 103, 110)  
}
```

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(216, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 103, 110) }
```

Border

The CSS property to change the border of an element to YIQ 137.5850, 65.1010, 26.1330 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(216, 103, 110) }
```


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

```
.border{ border-color:rgb(216, 103, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(216, 103,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5850, 65.1010, 26.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 103, 110) }
```

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

```
.background{ background-color: rgb(216,  
103, 110) }
```

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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