

Converting Colors

YIQ(137.7120, 71.9330, 23.4610)

Have a look what the booklet for
YIQ(137.7120, 71.9330, 23.4610)
contains.

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Color

**YIQ(137.7120, 71.9330,
23.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6762
RGB	221, 103, 98
RGB Percent	87%, 40%, 38%
CMY	0.1331, 0.5962, 0.6154
CMYK	0.00, 0.53, 0.56, 0.13
HSL	2°, 64%, 63%
HSV	2°, 56%, 87%
XYZ	36.8938, 25.9571, 14.6393
YIQ	137.7120, 71.9330, 23.4610

Conversions

Conversions Part 2

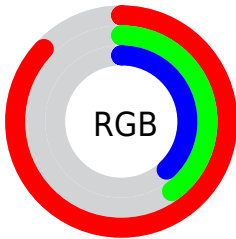
Format	Color
R_{YB}	221, 103, 98
Decimal	14509922
CIE _{Lab}	58.00, 45.78, 25.12
CIE _{LCh}	58, 52.222, 28.753
Yxy	25.9571, 0.4761, 0.3350
Android (android.graphics.Color)	4292700002 (0xFFDD6762)
YUV	137.7120, -19.5780, 73.0436
Hunter-Lab	50.9481, 40.1004, 18.6275

Details

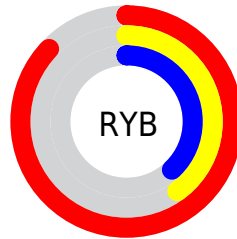
The YIQ color **137.7120, 71.9330, 23.4610** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **181.2880, -71.9330, -23.4610**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.3900, 60.9760, 18.2880**, and **83.3030, 65.8350, 23.8430** is the 20% darker color. If you saturate the color by 10%, you get **122.8770, 84.7700, 27.6020**, and if you desaturate by 10%, it is **152.5470, 59.0960, 19.3200**.

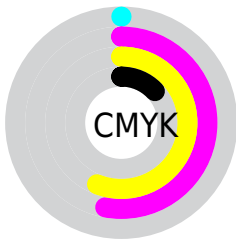
Distribution



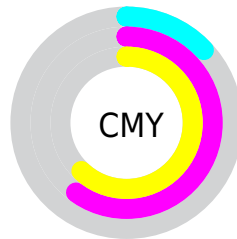
- Red (87%)
- Green (40%)
- Blue (38%)



- Red (87%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7120, 71.9330, 23.4610 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 137.7120, 71.9330, 23.4610 by changing the saturation by 10% instead.


 137.7120, 71.9330,
23.4610


 137.7120, 71.9330,
23.4610


255.0000, -0.0000,
-0.0000


 110.7440, 68.9070,
23.2350


 185.3900, 60.9760,
18.2880


 83.4170, 65.5140,
24.1540


 204.7900, 44.9300,
11.7300


 54.3290, 62.9460,
26.6420

 224.4180, 28.2420,
5.7940

 31.5950, 59.1410,
24.0130

 244.6330, 11.2790,
-0.6650

 22.1260, 44.1040,
15.6880

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 137.7120, 71.9330,
23.4610

■ 137.7120, 71.9330,
23.4610

■ 122.8770, 84.7700,
27.6020

■ 152.5470, 59.0960,
19.3200

■ 107.4550, 97.8820,
32.2660

■ 167.3820, 46.2590,
15.1790

■ 92.6200, 110.7190,
36.4070

■ 182.8040, 33.1470,
10.5150

■ 77.7850, 123.5560,
40.5480

■ 197.7530, 19.9890,
6.6850

■ 71.3620, 129.2410,
42.1450

■ 212.5880, 7.1520,
2.5440

■ 227.4230, -5.6850,
-1.5970

■ 242.8450,
-18.7970, -6.2610

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



139.6080, 58.2670, 39.8590



137.7120, 71.9330, 23.4610



136.9060, 67.4900, -0.6540

Triad

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



137.7120, 71.9330, 23.4610



120.0490, -38.3680, -42.5600



111.4490, -114.0260, -3.9940

Complementary

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



137.7120, 71.9330, 23.4610



181.2880, -71.9330, -23.4610

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.



116.3100, -112.5570, -14.1010



137.7120, 71.9330, 23.4610



110.0110, -87.9310, -41.9070

Square

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



137.7120, 71.9330, 23.4610



130.0860, 12.9360, -36.2160



115.2550, -102.6970, -27.6010



141.1790, -24.1680, 30.5200

Rectangle

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



137.7120, 71.9330, 23.4610



135.5480, 56.2140, -16.5700



115.2550, -102.6970, -27.6010



113.5690, -114.4840, -6.7080

Sweetspot

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



137.7120, 71.9330, 23.4610



225.4440, 25.3530, 8.5930



148.3430, 35.1090, 63.0850



110.3610, 15.2210, 4.9890



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.



137.7120, 71.9330, 23.4610



139.2380, 99.9910, 32.5910



173.5190, 55.1580, -8.4420



102.2890, 6.5560, 2.3320



55.8360, 101.1830, 33.0150



14.9280, 26.8660, 8.7060

Inverse Universe

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



181.2880, -71.9330, -23.4610



199.7620, -99.9910, -32.5910



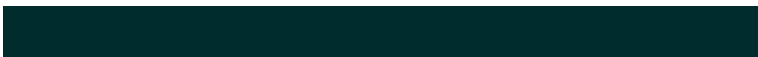
145.4810, -55.1580, 8.4420



106.1240, -6.2810, -1.8090



117.7510, -101.4580, -33.5380



31.0720, -26.8660, -8.7060

Previews

White Background



This preview shows how the YIQ color 137.7120, 71.9330, 23.4610 looks on a white background.

Color Contrast Check

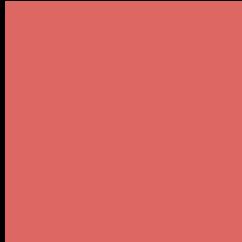
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7120, 71.9330, 23.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

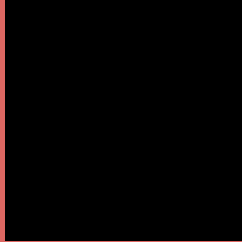
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.7120, 71.9330, 23.4610

Background



This preview shows how black text looks on a background with the YIQ color 137.7120, 71.9330, 23.4610.



This preview shows how white text looks on a background with the YIQ color 137.7120, 71.9330,

23.4610.

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

137.7120, 71.9330, 23.4610

Protanopia

139.4280, 13.1140, -6.3900

Deuteranopia

139.4920, 33.4250, -5.5430



Tritanopia

137.9770, 69.8690, 27.8290

Trichromacy



Original Color

137.7120, 71.9330, 23.4610

Protanomaly

139.1860, 34.7070, 4.2670

Deuteranomaly

138.9440, 47.1320, 4.8600

Tritanomaly

138.1080, 70.8780, 26.0620

Monochromacy



Original Color

137.7120, 71.9330, 23.4610

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6290, 26.2700, 8.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7120, 71.9330, 23.4610 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(221, 103, 98)` looks like.

```
.text, #text, p{  
    color:rgb(221, 103, 98)  
}
```

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(221, 103, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 103, 98) }
```

Border

The CSS property to change the border of an element to YIQ 137.7120, 71.9330, 23.4610 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(221, 103, 98) }
```


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

```
.border{ border-color:rgb(221, 103, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 103, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 103, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 103, 98);  
box-shadow:4px 4px 4px 4px rgb(221, 103,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7120, 71.9330, 23.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 103, 98) }
```

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

```
.background{ background-color: rgb(221,  
103, 98) }
```

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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