

Converting Colors

YIQ(131.2620, 73.0800, 19.1920)

Have a look what the booklet for
YIQ(131.2620, 73.0800, 19.1920)
contains.

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Color

**YIQ(131.2620, 73.0800,
19.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	D56353
RGB	213, 99, 83
RGB Percent	84%, 39%, 33%
CMY	0.1644, 0.6119, 0.6742
CMYK	0.00, 0.54, 0.61, 0.16
HSL	7°, 61%, 58%
HSV	7°, 61%, 84%
XYZ	33.4815, 23.6964, 11.0084
YIQ	131.2620, 73.0800, 19.1920

Conversions

Conversions Part 2

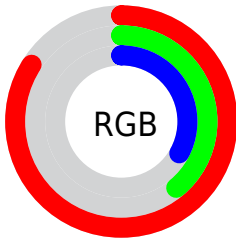
Format	Color
RYB	213, 101, 83
Decimal	13984595
CIELab	55.78, 43.72, 30.59
CIELCh	56, 53.356, 34.984
Yxy	23.6964, 0.4910, 0.3475
Android (android.graphics.Color)	4292174675 (0xFFD56353)
YUV	131.2620, -23.7932, 71.6842
Hunter-Lab	48.6790, 37.5846, 20.6672

Details

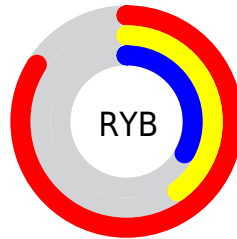
The YIQ color **131.2620, 73.0800, 19.1920** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **164.7380, -73.0800, -19.1920**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2180, 67.2120, 15.4040**, and **77.5540, 66.3860, 19.3620** is the 20% darker color. If you saturate the color by 10%, you get **117.7150, 85.0460, 22.5980**, and if you desaturate by 10%, it is **144.8090, 61.1140, 15.7860**.

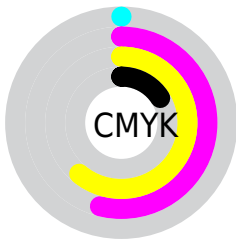
Distribution



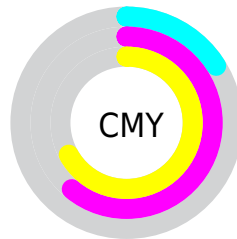
- Red (84%)
- Green (39%)
- Blue (33%)



- Red (84%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (61%)
- Black (16%)





- Cyan (16%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.2620, 73.0800, 19.1920 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 131.2620, 73.0800, 19.1920 by changing the saturation by 10% instead.


 131.2620, 73.0800,
19.1920


 131.2620, 73.0800,
19.1920


255.0000, -0.0000,
-0.0000


 104.4080, 69.7330,
19.2770


 180.6310, 67.4870,
15.9270

 77.6680, 66.0650,
19.6730


 200.0310, 51.4410,
9.3690


 48.6940, 63.1760,
22.4720


 219.5450, 35.0740,
3.1220

 28.4050, 56.6200,
20.1400

 239.7600, 18.1110,
-3.3370

 19.7340, 39.3360,
13.9920

 253.5180, 4.1730,
-4.0430

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 131.2620, 73.0800,
19.1920

■ 131.2620, 73.0800,
19.1920

■ 117.7150, 85.0460,
22.5980

■ 144.8090, 61.1140,
15.7860

■ 104.6410, 97.0580,
25.1700

■ 157.8830, 49.1020,
13.2140

■ 91.0940, 109.0240,
28.5760

■ 171.4300, 37.1360,
9.8080

■ 78.9490, 119.7980,
31.5580

■ 184.9770, 25.1700,
6.4020

■ 198.0510, 13.1580,
3.8300

■ 211.5980, 1.1920,
0.4240

■ 225.1450,
-10.7740, -2.9820

■ 238.8060,
-23.0610, -6.0770

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



132.3050, 63.4940, 38.7420



131.2620, 73.0800, 19.1920



130.5480, 65.3820, -6.5060

Triad

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



131.2620, 73.0800, 19.1920



104.0010, -64.7760, -48.5520



118.1540, -84.9140, 8.0620

Complementary

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



131.2620, 73.0800, 19.1920



164.7380, -73.0800, -19.1920

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.



112.2010, -110.6320, -10.4400



131.2620, 73.0800, 19.1920



107.5320, -87.8400, -38.0480

Square

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



131.2620, 73.0800, 19.1920



122.4270, 4.5460, -38.3500



112.1890, -102.3310, -23.2190



136.8600, -12.8440, 34.5480

Rectangle

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



131.2620, 73.0800, 19.1920



128.8200, 52.2720, -22.2240



112.1890, -102.3310, -23.2190



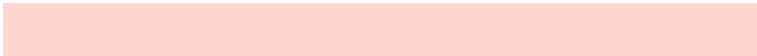
108.5310, -111.3210, -3.4570

Sweetspot

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



131.2620, 73.0800, 19.1920



226.2760, 25.7660, 6.6140



134.9800, 40.5650, 63.3250



110.0190, 16.1840, 4.0560



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.



131.2620, 73.0800, 19.1920



138.1150, 104.5310, 27.4030



168.8300, 55.4800, -14.2800



100.4630, 6.0060, 1.2860



63.4560, 96.1410, 25.2690



15.7920, 24.2530, 6.5010

Inverse Universe

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



164.7380, -73.0800, -19.1920



185.8850, -104.5310, -27.4030



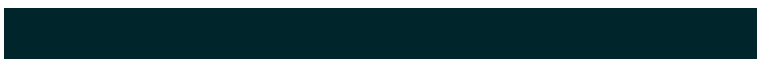
127.1700, -55.4800, 14.2800



103.1240, -6.2810, -1.8090



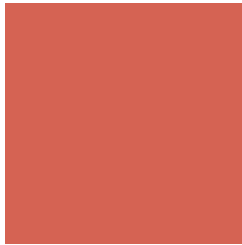
107.5440, -96.1410, -25.2690



27.2080, -24.2530, -6.5010

Previews

White Background



This preview shows how the YIQ color 131.2620, 73.0800, 19.1920 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 131.2620, 73.0800, 19.1920 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 131.2620, 73.0800, 19.1920

Background



This preview shows how black text looks on a background with the YIQ color 131.2620, 73.0800, 19.1920.



This preview shows how white text looks on a background with the YIQ color 131.2620, 73.0800,

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

131.2620, 73.0800, 19.1920

Protanopia

132.7720, 17.8370, -9.3870

Deuteranopia

132.7650, 36.9100, -8.1300



Tritanopia

132.0800, 68.0810, 27.1930

Trichromacy



Original Color

131.2620, 73.0800, 19.1920

Protanomaly

132.0460, 37.9170, 1.1570

Deuteranomaly

131.9180, 50.0210, 2.0610

Tritanomaly

131.8690, 70.0530, 24.4930

Monochromacy



Original Color

131.2620, 73.0800, 19.1920

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9880, 26.6370, 7.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2620, 73.0800, 19.1920 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(213, 99, 83)` looks like.

```
.text, #text, p{  
    color:rgb(213, 99, 83)  
}
```

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(213, 99, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 99, 83) }
```

Border

The CSS property to change the border of an element to YIQ 131.2620, 73.0800, 19.1920 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(213, 99, 83) }
```


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

```
.border{ border-color:rgb(213, 99, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 99, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 99, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 99, 83);  
box-shadow:4px 4px 4px 4px rgb(213, 99,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2620, 73.0800, 19.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 99, 83) }
```

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

```
.background{ background-color: rgb(213, 99,  
83) }
```

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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