

Converting Colors

YIQ(135.4150, 77.0230, 19.3190)

Have a look what the booklet for
YIQ(135.4150, 77.0230, 19.3190)
contains.

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Color

**YIQ(135.4150, 77.0230,
19.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6653
RGB	221, 102, 83
RGB Percent	87%, 40%, 33%
CMY	0.1331, 0.6002, 0.6742
CMYK	0.00, 0.54, 0.62, 0.13
HSL	8°, 67%, 60%
HSV	8°, 62%, 87%
XYZ	36.1508, 25.5017, 11.2171
YIQ	135.4150, 77.0230, 19.3190

Conversions

Conversions Part 2

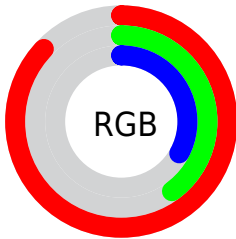
Format	Color
R_{YB}	221, 105, 83
Decimal	14509651
CIE Lab	57.56, 45.19, 33.07
CIE LCh	58, 56.003, 36.196
Yxy	25.5017, 0.4961, 0.3500
Android (android.graphics.Color)	4292699731 (0xFFDD6653)
YUV	135.4150, -25.8406, 75.0580
Hunter-Lab	50.4992, 39.4089, 22.1797

Details

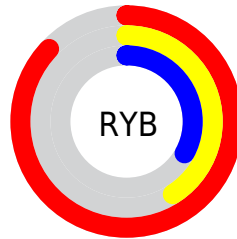
The YIQ color **135.4150, 77.0230, 19.3190** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **168.5850, -77.0230, -19.3190**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9790, 66.3870, 13.8350**, and **80.8210, 70.0080, 19.8000** is the 20% darker color. If you saturate the color by 10%, you get **121.7540, 89.3100, 22.4140**, and if you desaturate by 10%, it is **149.0760, 64.7360, 16.2240**.

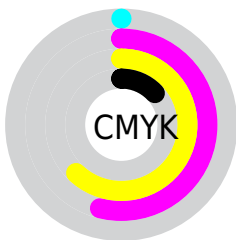
Distribution



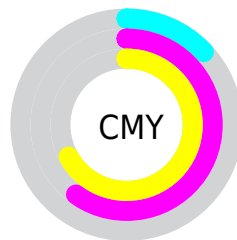
- Red (87%)
- Green (40%)
- Blue (33%)



- Red (87%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (62%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.4150, 77.0230, 19.3190 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 135.4150, 77.0230, 19.3190 by changing the saturation by 10% instead.


 135.4150, 77.0230,
19.3190


 135.4150, 77.0230,
19.3190


255.0000, -0.0000,
-0.0000


 108.2620, 73.0800,
19.1920


 182.9790, 66.3870,
13.8350


 80.8210, 70.0080,
19.8000


 202.3790, 50.3410,
7.2770

 51.8470, 67.1190,
22.5990


 221.8930, 33.9740,
1.0300

 30.1990, 60.1960,
21.4120

 242.1080, 17.0110,
-5.4290

 21.5280, 42.9120,
15.2640

 253.6320, 3.8520,
-3.7320

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 135.4150, 77.0230,
19.3190

■ 135.4150, 77.0230,
19.3190

■ 121.7540, 89.3100,
22.4140

■ 149.0760, 64.7360,
16.2240

■ 108.0930,
101.5970, 25.5090

■ 162.7370, 52.4490,
13.1290

■ 94.4320, 113.8840,
28.6040

■ 176.3980, 40.1620,
10.0340

■ 83.6890, 123.4660,
31.1620

■ 190.1730, 27.5540,
7.2500

■ 203.8340, 15.2670,
4.1550

■ 217.4950, 2.9800,
1.0600

■ 231.7430, -9.5820,
-2.5580

■ 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.



136.6970, 68.2620, 40.4380



135.4150, 77.0230, 19.3190



134.4620, 68.5000, -7.9480

Triad

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



135.4150, 77.0230, 19.3190



104.3910, -74.8620, -52.9900



122.5390, -87.4360, 9.7160

Complementary

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



135.4150, 77.0230, 19.3190



168.5850, -77.0230, -19.3190

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.



116.2760, -115.2170, -9.9450



135.4150, 77.0230, 19.3190



111.8520, -91.7370, -39.0090

Square

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



135.4150, 77.0230, 19.3190



126.0630, 2.5750, -41.1770



116.1500, -106.5950, -23.0350



141.6260, -12.0650, 36.9510

Rectangle

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



135.4150, 77.0230, 19.3190



132.6090, 54.2440, -24.9240



116.1500, -106.5950, -23.0350



112.6060, -115.9060, -2.9620

Sweetspot

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



135.4150, 77.0230, 19.3190



224.8740, 26.9580, 7.0380



137.9420, 43.7280, 66.5760



109.3180, 16.7800, 4.2680



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.



135.4150, 77.0230, 19.3190



136.3710, 106.6860, 26.8940



175.3310, 58.3230, -16.2450



102.8760, 6.2810, 1.8090



65.8150, 96.5080, 24.1240



17.2760, 25.7660, 6.6140

Inverse Universe

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



168.5850, -77.0230, -19.3190



182.6290, -106.6860, -26.8940



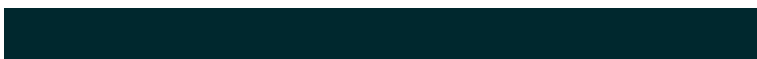
128.6690, -58.3230, 16.2450



105.5370, -6.0060, -1.2860



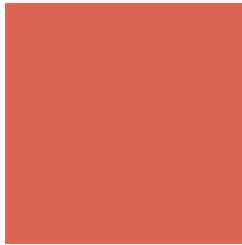
107.7720, -96.7830, -24.6470



28.7240, -25.7660, -6.6140

Previews

White Background



This preview shows how the YIQ color 135.4150, 77.0230, 19.3190 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 135.4150, 77.0230, 19.3190 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 135.4150, 77.0230, 19.3190

Background



This preview shows how black text looks on a background with the YIQ color 135.4150, 77.0230, 19.3190.



This preview shows how white text looks on a background with the YIQ color 135.4150, 77.0230,

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

135.4150, 77.0230, 19.3190

Protanopia

137.5010, 20.0380, -10.7300

Deuteranopia

136.7930, 39.7070, -9.2610



Tritanopia

136.5750, 71.0610, 28.2530

Trichromacy



Original Color

135.4150, 77.0230, 19.3190

Protanomaly

137.0740, 40.7140, 0.0260

Deuteranomaly

136.2450, 53.4140, 1.1420

Tritanomaly

136.2500, 73.3540, 25.2420

Monochromacy



Original Color

135.4150, 77.0230, 19.3190

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.0590, 27.8750, 6.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.4150, 77.0230, 19.3190 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, 102, 83)` looks like.

```
.text, #text, p{  
    color:rgb(221, 102, 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(221, 102, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 102, 83) }
```

Border

The CSS property to change the border of an element to YIQ 135.4150, 77.0230, 19.3190 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, 102, 83) }
```


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

```
.border{ border-color:rgb(221, 102, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 102, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 102, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 102, 83);  
box-shadow:4px 4px 4px 4px rgb(221, 102,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 135.4150, 77.0230, 19.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 102, 83) }
```

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

```
.background{ background-color: rgb(221,  
102, 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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