

Converting Colors

YIQ(153.2410, 51.2100, 19.0660)

Have a look what the booklet for
YIQ(153.2410, 51.2100, 19.0660)
contains.

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Color

**YIQ(153.2410, 51.2100,
19.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	D67F81
RGB	214, 127, 129
RGB Percent	84%, 50%, 51%
CMY	0.1606, 0.5021, 0.4939
CMYK	0.00, 0.41, 0.40, 0.16
HSL	359°, 52%, 67%
HSV	359°, 41%, 84%
XYZ	39.2976, 31.0598, 24.7107
YIQ	153.2410, 51.2100, 19.0660

Conversions

Conversions Part 2

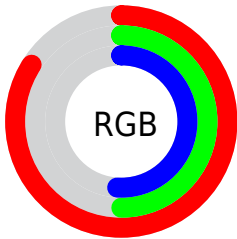
Format	Color
RYB	214, 127, 129
Decimal	14057345
CIELab	62.56, 33.88, 13.45
CIELCh	63, 36.449, 21.656
Yxy	31.0598, 0.4134, 0.3267
Android (android.graphics.Color)	4292247425 (0xFFD67F81)
YUV	153.2410, -11.9508, 53.2856
Hunter-Lab	55.7313, 28.3352, 12.7233

Details

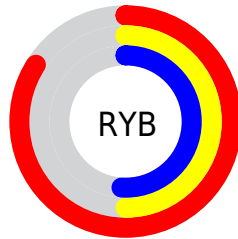
The YIQ color **153.2410, 51.2100, 19.0660** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **187.7590, -51.2100, -19.0660**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2400, 43.7830, 15.9990**, and **100.3760, 46.3960, 18.2040** is the 20% darker color. If you saturate the color by 10%, you get **138.5200, 63.7260, 23.5180**, and if you desaturate by 10%, it is **167.9620, 38.6940, 14.6140**.

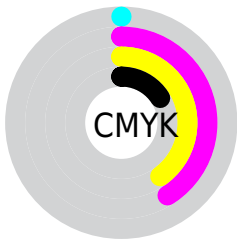
Distribution



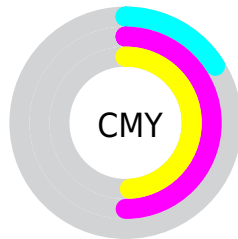
- Red (84%)
- Green (50%)
- Blue (51%)



- Red (84%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.2410, 51.2100, 19.0660 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 153.2410, 51.2100, 19.0660 by changing the saturation by 10% instead.


 153.2410, 51.2100,
19.0660


 153.2410, 51.2100,
19.0660


255.0000, -0.0000,
-0.0000

 126.4580, 49.1010,
18.7410


 203.2400, 43.7830,
15.9990


 100.6750, 46.9920,
18.4160


 222.7540, 27.4160,
9.7520

 75.0060, 44.5620,
18.4020

 242.4960, 10.4070,
4.1270

 50.1520, 41.2150,
18.4870

 24.1350, 39.8850,
20.5650

 14.9500, 29.8000,
10.6000

 1.4950, 2.9800,

1.0600

■ 0.0000, 0.0000,
0.0000

■ 153.2410, 51.2100,
19.0660

■ 153.2410, 51.2100,
19.0660

■ 138.5200, 63.7260,
23.5180

■ 167.9620, 38.6940,
14.6140

■ 123.2120, 76.5170,
28.4930

■ 183.2700, 25.9030,
9.6390

■ 108.4910, 89.0330,
32.9450

■ 197.9910, 13.3870,
5.1870

■ 93.1830, 101.8240,
37.9200

■ 213.2990, 0.5960,
0.2120

■ 78.5760, 114.0190,
42.6830

■ 228.0200,
-11.9200, -4.2400

■ 64.5560, 125.9390,
46.9230

■ 242.6270,
-24.1150, -9.0030

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



155.2090, 37.0410, 28.0570



153.2410, 51.2100, 19.0660



151.8690, 51.7170, 4.3650

Triad

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



153.2410, 51.2100, 19.0660



141.9970, -14.2540, -28.0300



142.3830, -60.9340, 2.9860

Complementary

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



153.2410, 51.2100, 19.0660



187.7590, -51.2100, -19.0660

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.



120.3670, -108.7040, -23.3600



153.2410, 51.2100, 19.0660



134.7230, -51.5290, -29.8090

Square

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



153.2410, 51.2100, 19.0660



146.9700, 16.7390, -22.5330



118.4520, -102.0540, -33.7500



151.9150, -23.8450, 19.1550

Rectangle

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



153.2410, 51.2100, 19.0660



150.1250, 44.7040, -6.2080



118.4520, -102.0540, -33.7500



137.2240, -73.9080, -4.1800

Sweetspot

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



153.2410, 51.2100, 19.0660



233.3830, 18.1550, 6.8830



162.0340, 22.1370, 44.8650



115.3820, 10.7280, 3.8160



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.



153.2410, 51.2100, 19.0660



167.7170, 73.5370, 27.4330



177.0800, 40.5770, -2.9990



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Inverse Universe

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



153.2410, 51.2100, 19.0660



167.7170, 73.5370, 27.4330



163.9200, -40.5770, 2.9990



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 153.2410, 51.2100, 19.0660 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 153.2410, 51.2100, 19.0660 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 ✓ Pass

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

YIQ 153.2410, 51.2100, 19.0660

Background



This preview shows how black text looks on a background with the YIQ color 153.2410, 51.2100, 19.0660.



This preview shows how white text looks on a background with the YIQ color 153.2410, 51.2100,

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

153.2410, 51.2100, 19.0660

Protanopia

151.7680, 6.4650, -1.5270

Deuteranopia

152.3910, 23.7040, -0.0720



Tritanopia

153.6370, 50.1550, 21.6670

Trichromacy



Original Color

153.2410, 51.2100, 19.0660

Protanomaly

152.1940, 23.0610, 6.0770

Deuteranomaly

152.5820, 33.6520, 6.8680

Tritanomaly

153.4090, 50.7970, 21.0450

Monochromacy



Original Color

153.2410, 51.2100, 19.0660

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.2690, 18.4760, 6.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2410, 51.2100, 19.0660 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(214, 127, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 127, 129)  
}
```

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(214, 127, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 127, 129) }
```

Border

The CSS property to change the border of an element to YIQ 153.2410, 51.2100, 19.0660 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(214, 127, 129) }
```


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

```
.border{ border-color:rgb(214, 127, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 127, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 127, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 127, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 127,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2410, 51.2100, 19.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 127, 129) }
```

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

```
.background{ background-color: rgb(214,  
127, 129) }
```

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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