

Converting Colors

YIQ(152.4150, 50.6600, 18.0200)

Have a look what the booklet for
YIQ(152.4150, 50.6600, 18.0200)
contains.

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Color

**YIQ(152.4150, 50.6600,
18.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	D47F7F
RGB	212, 127, 127
RGB Percent	83%, 50%, 50%
CMY	0.1684, 0.5021, 0.5018
CMYK	0.00, 0.40, 0.40, 0.17
HSL	360°, 50%, 66%
HSV	360°, 40%, 83%
XYZ	38.5851, 30.7079, 23.9898
YIQ	152.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

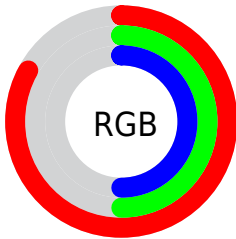
Format	Color
R _Y B	212, 127, 127
Decimal	13926271
CIE Lab	62.26, 32.89, 14.14
CIE LCh	62, 35.803, 23.254
Yxy	30.7079, 0.4136, 0.3292
Android (android.graphics.Color)	4292116351 (0xFFD47F7F)
YUV	152.4150, -12.5296, 52.2560
Hunter-Lab	55.4147, 27.3134, 13.1229

Details

The YIQ color **152.4150, 50.6600, 18.0200** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **186.5850, -50.6600, -18.0200**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.0120, 44.4250, 15.3770**, and **99.8490, 46.4420, 17.3700** is the 20% darker color. If you saturate the color by 10%, you get **137.6940, 63.1760, 22.4720**, and if you desaturate by 10%, it is **167.1360, 38.1440, 13.5680**.

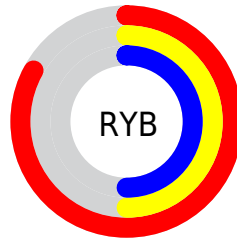
Distribution



Red (83%)

Green (50%)

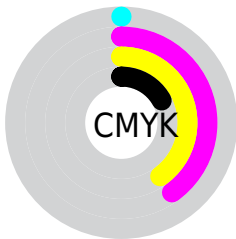
Blue (50%)



Red (83%)

Yellow (50%)

Blue (50%)

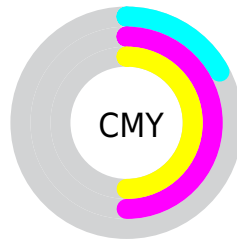


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.4150, 50.6600, 18.0200 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 152.4150, 50.6600, 18.0200 by changing the saturation by 10% instead.


 152.4150, 50.6600,
18.0200


 152.4150, 50.6600,
18.0200


255.0000, -0.0000,
-0.0000


 125.6320, 48.5510,
17.6950


 203.0120, 44.4250,
15.3770


 99.8490, 46.4420,
17.3700


 222.5260, 28.0580,
9.1300

 74.7670, 43.7370,
16.8330

 242.1540, 11.3700,
3.1940

 49.6250, 41.2610,
17.6530

 23.1950, 39.6560,
19.2080

 14.6510, 29.2040,
10.3880

 0.0000, 0.0000,

0.0000

■ 152.4150, 50.6600,
18.0200

■ 152.4150, 50.6600,
18.0200

■ 137.6940, 63.1760,
22.4720

■ 167.1360, 38.1440,
13.5680

■ 122.9730, 75.6920,
26.9240

■ 181.8570, 25.6280,
9.1160

■ 107.5510, 88.8040,
31.5880

■ 197.2790, 12.5160,
4.4520

■ 92.8300, 101.3200,
36.0400

■ 212.0000, -0.0000,
-0.0000

■ 78.1090, 113.8360,
40.4920

■ 226.7210,
-12.5160, -4.4520

■ 63.3880, 126.3520,
44.9440

■ 241.4420,
-25.0320, -8.9040

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



153.9810, 37.6830, 27.4350



152.4150, 50.6600, 18.0200



150.8580, 50.2500, 3.4180

Triad

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



152.4150, 50.6600, 18.0200



140.9260, -15.4920, -27.6200



142.7640, -57.6330, 3.7350

Complementary

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



152.4150, 50.6600, 18.0200



186.5850, -50.6600, -18.0200

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.



124.8740, -96.8300, -18.2860



152.4150, 50.6600, 18.0200



133.6520, -52.7670, -29.3990

Square

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



152.4150, 50.6600, 18.0200



145.6000, 14.9050, -22.3350



117.8650, -101.7790, -33.2270



151.9970, -21.1400, 19.6920

Rectangle

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



152.4150, 50.6600, 18.0200



149.5270, 43.5120, -6.6320



117.8650, -101.7790, -33.2270



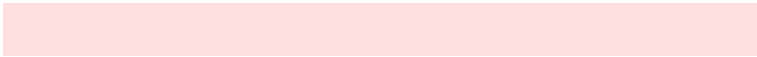
138.3170, -69.7360, -2.6960

Sweetspot

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



152.4150, 50.6600, 18.0200



233.2690, 18.4760, 6.5720



161.8060, 22.7790, 44.2430



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.



152.4150, 50.6600, 18.0200



169.4780, 72.7120, 25.8640



176.4820, 39.3850, -3.4230



99.2890, 6.5560, 2.3320



51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Inverse Universe

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



152.4150, 50.6600, 18.0200



169.4780, 72.7120, 25.8640



162.5180, -39.3850, 3.4230



99.2890, 6.5560, 2.3320



51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Previews

White Background



This preview shows how the YIQ color 152.4150, 50.6600, 18.0200 looks on a white background.

Color Contrast Check

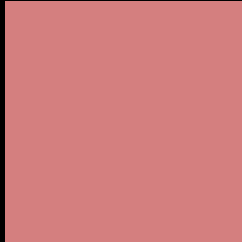
Large Text (above 18pt) WCAG AA × Fail

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 152.4150, 50.6600, 18.0200 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 152.4150, 50.6600, 18.0200

Background



This preview shows how black text looks on a background with the YIQ color 152.4150, 50.6600, 18.0200.



This preview shows how white text looks on a background with the YIQ color 152.4150, 50.6600,

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

152.4150, 50.6600, 18.0200

Protanopia

150.5400, 7.1070, -2.1490

Deuteranopia

151.5760, 24.6210, -0.1710



Tritanopia

153.0390, 48.9630, 21.2430

Trichromacy



Original Color

152.4150, 50.6600, 18.0200

Protanomaly

151.3680, 22.5110, 5.0310

Deuteranomaly

151.4680, 33.9730, 6.5570

Tritanomaly

152.6970, 49.9260, 20.3100

Monochromacy



Original Color

152.4150, 50.6600, 18.0200

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.2690, 18.4760, 6.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4150, 50.6600, 18.0200 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(212, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 127)  
}
```

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(212, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 127) }
```

Border

The CSS property to change the border of an element to YIQ 152.4150, 50.6600, 18.0200 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(212, 127, 127) }
```


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

```
.border{ border-color:rgb(212, 127, 127) }
```

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

Here you see how a box with a 4 pixel rgb(212, 127, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4150, 50.6600, 18.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 127) }
```

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

```
.background{ background-color: rgb(212,  
127, 127) }
```

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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