

Converting Colors

YIQ(153.6630, 47.2660, 24.4660)

Have a look what the booklet for
YIQ(153.6630, 47.2660, 24.4660)
contains.

YIQ(153.6630, 47.2660, 24.4660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(153.6630, 47.2660,
24.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	D67D8F
RGB	214, 125, 143
RGB Percent	84%, 49%, 56%
CMY	0.1606, 0.5099, 0.4390
CMYK	0.00, 0.42, 0.33, 0.16
HSL	348°, 52%, 66%
HSV	348°, 42%, 84%
XYZ	40.0383, 30.9470, 29.8673
YIQ	153.6630, 47.2660, 24.4660

Conversions

Conversions Part 2

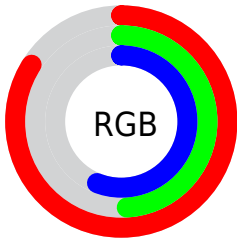
Format	Color
RYB	214, 125, 143
Decimal	14056847
CIELab	62.46, 36.61, 5.33
CIELCh	62, 36.998, 8.285
Yxy	30.9470, 0.3970, 0.3069
Android (android.graphics.Color)	4292246927 (0xFFD67D8F)
YUV	153.6630, -5.2569, 52.9155
Hunter-Lab	55.6300, 31.1184, 7.1087

Details

The YIQ color **153.6630, 47.2660, 24.4660** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **185.3370, -47.2660, -24.4660**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.7760, 39.5180, 21.7100**, and **100.9830, 43.3690, 23.5050** is the 20% darker color. If you saturate the color by 10%, you get **139.3980, 58.4980, 30.1620**, and if you desaturate by 10%, it is **167.9280, 36.0340, 18.7700**.

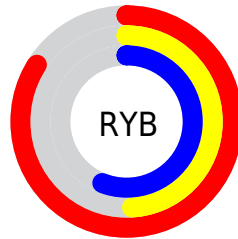
Distribution



Red (84%)

Green (49%)

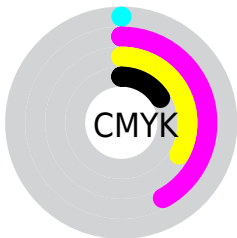
Blue (56%)



Red (84%)

Yellow (49%)

Blue (56%)

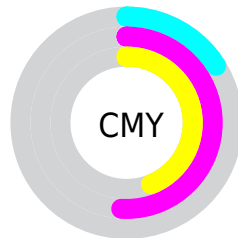


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (16%)



Cyan (16%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.6630, 47.2660, 24.4660 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 153.6630, 47.2660, 24.4660 by changing the saturation by 10% instead.


 153.6630, 47.2660,
24.4660


 153.6630, 47.2660,
24.4660


255.0000, -0.0000,
-0.0000


 126.7660, 45.4780,
23.8300


 203.7760, 39.5180,
21.7100


 100.9830, 43.3690,
23.5050


 223.4040, 22.8300,
15.7740

 75.2000, 41.2600,
23.1800

 243.6190, 5.8670,
9.3150

 49.3570, 39.3800,
24.2120

 25.5030, 36.0330,
24.2970

 15.5480, 30.9920,
11.0240

 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 153.6630, 47.2660,
24.4660

■ 153.6630, 47.2660,
24.4660

■ 139.3980, 58.4980,
30.1620

■ 167.9280, 36.0340,
18.7700

■ 124.5460, 70.0050,
36.3810

■ 182.7800, 24.5270,
12.5510

■ 110.2810, 81.2370,
42.0770

■ 197.0450, 13.2950,
6.8550

■ 95.4290, 92.7440,
48.2960

■ 211.8970, 1.7880,
0.6360

■ 81.1640, 103.9760,
53.9920

■ 226.1620, -9.4440,
-5.0600

■ 68.8880, 113.7410,
58.7410

■ 240.4270,
-20.6760, -10.7560

■ 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.



155.2880, 26.6330, 29.4570



153.6630, 47.2660, 24.4660



152.1670, 54.0540, 11.5740

Triad

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



153.6630, 47.2660, 24.4660



143.9510, 0.5550, -26.5890



134.4080, -80.4180, -7.3460

Complementary

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



153.6630, 47.2660, 24.4660



185.3370, -47.2660, -24.4660

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.



119.8030, -107.2360, -27.9400



153.6630, 47.2660, 24.4660



138.1070, -35.1150, -29.9230

Square

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



153.6630, 47.2660, 24.4660



147.6510, 28.0630, -18.5050



125.1140, -80.5510, -32.4790



148.2440, -41.1290, 13.0070

Rectangle

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



153.6630, 47.2660, 24.4660



151.1630, 50.7090, 0.6050



125.1140, -80.5510, -32.4790



125.4440, -98.4350, -16.7310

Sweetspot

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



153.6630, 47.2660, 24.4660



234.0670, 16.2290, 8.7490



156.0760, 13.1510, 42.5190



115.7240, 9.7650, 4.7490



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.



153.6630, 47.2660, 24.4660



168.8230, 67.6670, 34.6990



166.2860, 46.1690, 5.7930



99.6310, 5.5930, 3.2650



55.1190, 90.6810, 47.1370



13.8830, 22.7390, 11.9150

Inverse Universe

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



153.6630, 47.2660, 24.4660



168.8230, 67.6670, 34.6990



172.7140, -46.1690, -5.7930



99.6310, 5.5930, 3.2650



55.1190, 90.6810, 47.1370



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 153.6630, 47.2660, 24.4660 looks on a white background.

Color Contrast Check

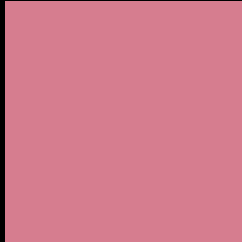
Large Text (above 18pt) WCAG AA × Fail

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 153.6630, 47.2660, 24.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

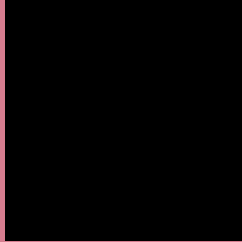
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.6630, 47.2660, 24.4660

Background



This preview shows how black text looks on a background with the YIQ color 153.6630, 47.2660, 24.4660.



This preview shows how white text looks on a background with the YIQ color 153.6630, 47.2660, 24.4660.

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

153.6630, 47.2660, 24.4660

Protanopia

152.0970, -1.6510, 2.3890

Deuteranopia

152.6770, 17.1470, 3.1230



Tritanopia

153.1530, 48.6420, 21.5540

Trichromacy



Original Color

153.6630, 47.2660, 24.4660

Protanomaly

153.1210, 16.1370, 10.4170

Deuteranomaly

152.8790, 28.5620, 11.0100

Tritanomaly

153.4950, 47.6790, 22.4870

Monochromacy



Original Color

153.6630, 47.2660, 24.4660

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.6650, 17.4210, 9.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6630, 47.2660, 24.4660 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, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 143)  
}
```

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, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 143) }
```

Border

The CSS property to change the border of an element to YIQ 153.6630, 47.2660, 24.4660 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, 125, 143) }
```


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

```
.border{ border-color:rgb(214, 125, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6630, 47.2660, 24.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 143) }
```

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

```
.background{ background-color: rgb(214,  
125, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor