

Converting Colors

YIQ(153.3710, 53.9600, 24.2960)

Have a look what the booklet for
YIQ(153.3710, 53.9600, 24.2960)
contains.

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Color

**YIQ(153.3710, 53.9600,
24.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7B87
RGB	220, 123, 135
RGB Percent	86%, 48%, 53%
CMY	0.1370, 0.5178, 0.4704
CMYK	0.00, 0.44, 0.39, 0.14
HSL	353°, 58%, 67%
HSV	353°, 44%, 86%
XYZ	40.9884, 31.1317, 26.7897
YIQ	153.3710, 53.9600, 24.2960

Conversions

Conversions Part 2

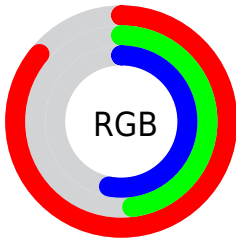
Format	Color
RYB	220, 123, 135
Decimal	14449543
CIELab	62.62, 38.88, 10.23
CIELCh	63, 40.204, 14.735
Yxy	31.1317, 0.4144, 0.3147
Android (android.graphics.Color)	4292639623 (0xFFDC7B87)
YUV	153.3710, -9.0569, 58.4336
Hunter-Lab	55.7958, 33.4860, 10.5897

Details

The YIQ color **153.3710, 53.9600, 24.2960** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **189.6290, -53.9600, -24.2960**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.5760, 42.9570, 19.9570**, and **99.8050, 49.7420, 23.6460** is the 20% darker color. If you saturate the color by 10%, you get **138.2910, 66.1090, 29.8930**, and if you desaturate by 10%, it is **168.4510, 41.8110, 18.6990**.

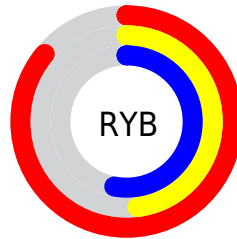
Distribution



Red (86%)

Green (48%)

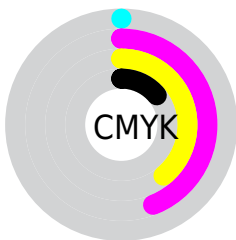
Blue (53%)



Red (86%)

Yellow (48%)

Blue (53%)

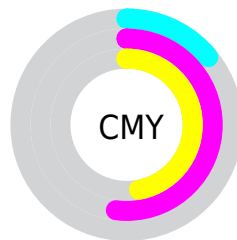


Cyan (0%)

Magenta (44%)

Yellow (39%)

Black (14%)



Cyan (14%)


Magenta (52%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.3710, 53.9600, 24.2960 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 153.3710, 53.9600, 24.2960 by changing the saturation by 10% instead.


 153.3710, 53.9600,
24.2960


 153.3710, 53.9600,
24.2960


255.0000, -0.0000,
-0.0000

 126.5880, 51.8510,
23.9710


 201.5760, 42.9570,
19.9570


 99.9190, 49.4210,
23.9570


 221.2040, 26.2690,
14.0210

 74.1360, 47.3120,
23.6320

 241.4190, 9.3060,
7.5620

 47.5210, 44.7900,
25.2860

 26.0150, 40.3430,
23.2790

 16.1460, 32.1840,
11.4480

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 153.3710, 53.9600,
24.2960

■ 153.3710, 53.9600,
24.2960

■ 138.2910, 66.1090,
29.8930

■ 168.4510, 41.8110,
18.6990

■ 123.2110, 78.2580,
35.4900

■ 183.6450, 29.3410,
13.4130

■ 108.0170, 90.7280,
40.7760

■ 198.7250, 17.1920,
7.8160

■ 92.9370, 102.8770,
46.3730

■ 213.8050, 5.0430,
2.2190

■ 77.8570, 115.0260,
51.9700

■ 228.8850, -7.1060,
-3.3780

■ 68.8580, 122.4530,
55.0370

■ 244.0790,
-19.5760, -8.6640

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



155.3600, 35.2980, 32.1140



153.3710, 53.9600, 24.2960



152.0270, 57.2640, 8.4640

Triad

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



153.3710, 53.9600, 24.2960



142.5370, -7.1470, -30.1790



134.2490, -84.2240, -4.4480

Complementary

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



153.3710, 53.9600, 24.2960



189.6290, -53.9600, -24.2960

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.



120.9430, -110.4460, -24.8300



153.3710, 53.9600, 24.2960



133.8710, -49.1900, -33.6540

Square

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



153.3710, 53.9600, 24.2960



147.1620, 24.9460, -22.5900



118.9420, -100.6780, -36.6620



150.2170, -36.4990, 17.2050

Rectangle

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



153.3710, 53.9600, 24.2960



150.7130, 51.8560, -3.6640



118.9420, -100.6780, -36.6620



120.1910, -113.8400, -18.3840

Sweetspot

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



153.3710, 53.9600, 24.2960



232.3230, 18.3840, 8.2400



159.1740, 18.9270, 47.9750



113.6210, 11.5530, 5.3850



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.



153.3710, 53.9600, 24.2960



162.3030, 75.0030, 33.9070



173.1350, 47.9120, 1.7360



102.4030, 6.2350, 2.6430



54.2350, 96.0460, 43.5180



14.4380, 25.4900, 11.6180

Inverse Universe

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



153.3710, 53.9600, 24.2960



162.3030, 75.0030, 33.9070



169.8650, -47.9120, -1.7360



102.4030, 6.2350, 2.6430



54.2350, 96.0460, 43.5180



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 153.3710, 53.9600, 24.2960 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 153.3710, 53.9600, 24.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

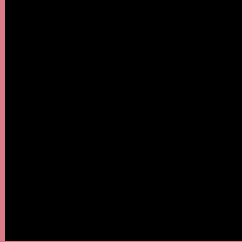
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.3710, 53.9600, 24.2960

Background



This preview shows how black text looks on a background with the YIQ color 153.3710, 53.9600, 24.2960.



This preview shows how white text looks on a background with the YIQ color 153.3710, 53.9600,

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

153.3710, 53.9600, 24.2960

Protanopia

152.0820, 2.7050, 0.5370

Deuteranopia

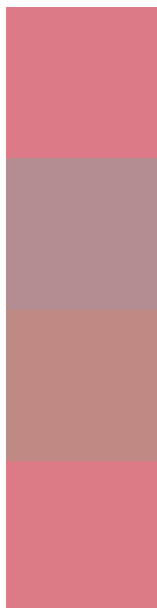
152.6620, 21.5030, 1.2710



Tritanopia

153.0290, 54.9230, 23.3630

Trichromacy



Original Color

153.3710, 53.9600, 24.2960

Protanomaly

152.8180, 21.3640, 9.3000

Deuteranomaly

153.1630, 33.5140, 9.3700

Tritanomaly

153.1430, 54.6020, 23.6740

Monochromacy



Original Color

153.3710, 53.9600, 24.2960

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.9210, 19.5760, 8.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3710, 53.9600, 24.2960 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(220, 123, 135)` looks like.

```
.text, #text, p{  
    color:rgb(220, 123, 135)  
}
```

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(220, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 123, 135) }
```

Border

The CSS property to change the border of an element to YIQ 153.3710, 53.9600, 24.2960 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(220, 123, 135) }
```


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

```
.border{ border-color:rgb(220, 123, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 123, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(220, 123,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3710, 53.9600, 24.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 123, 135) }
```

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

```
.background{ background-color: rgb(220,  
123, 135) }
```

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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