

Converting Colors

YIQ(151.5400, 60.9740, 29.3420)

Have a look what the booklet for
YIQ(151.5400, 60.9740, 29.3420)
contains.

YIQ(151.5400, 60.9740, 29.3420)	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(151.5400, 60.9740,
29.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	E47486
RGB	228, 116, 134
RGB Percent	89%, 45%, 53%
CMY	0.1056, 0.5453, 0.4743
CMYK	0.00, 0.49, 0.41, 0.11
HSL	350°, 68%, 67%
HSV	350°, 49%, 89%
XYZ	42.5645, 30.7084, 26.2594
YIQ	151.5400, 60.9740, 29.3420

Conversions

Conversions Part 2

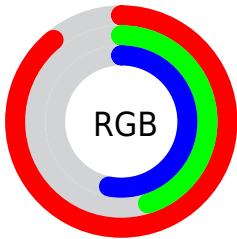
Format	Color
R _Y B	228, 116, 134
Decimal	14972038
CIE Lab	62.26, 45.21, 10.44
CIE LCh	62, 46.396, 13.005
Yxy	30.7084, 0.4276, 0.3085
Android (android.graphics.Color)	4293162118 (0xFFE47486)
YUV	151.5400, -8.6472, 67.0554
Hunter-Lab	55.4151, 40.1298, 10.6950

Details

The YIQ color **151.5400, 60.9740, 29.3420** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **192.4600, -60.9740, -29.3420**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.3530, 45.2030, 23.3070**, and **97.2020, 56.1140, 29.3140** is the 20% darker color. If you saturate the color by 10%, you get **135.8730, 73.3980, 35.4620**, and if you desaturate by 10%, it is **167.2070, 48.5500, 23.2220**.

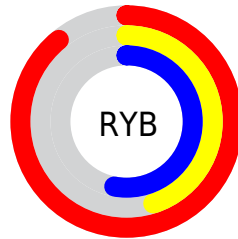
Distribution



Red (89%)

Green (45%)

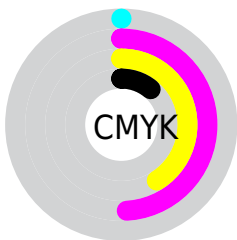
Blue (53%)



Red (89%)

Yellow (45%)

Blue (53%)

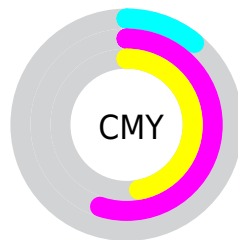


Cyan (0%)

Magenta (49%)

Yellow (41%)

Black (11%)



Cyan (11%)


Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.5400, 60.9740, 29.3420 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 151.5400, 60.9740, 29.3420 by changing the saturation by 10% instead.


 151.5400, 60.9740,
29.3420


 151.5400, 60.9740,
29.3420


255.0000, -0.0000,
-0.0000


 124.4580, 58.2690,
28.8050


 197.3530, 45.2030,
23.3070


 97.2020, 56.1140,
29.3140


 216.9810, 28.5150,
17.3710

 70.0600, 53.6380,
30.1340

 237.1960, 11.5520,
10.9120

 38.0480, 53.9120,
36.1840

 27.3960, 43.6440,
24.0280

 17.7550, 34.8430,
12.8190

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 151.5400, 60.9740,
29.3420

■ 151.5400, 60.9740,
29.3420

■ 135.8730, 73.3980,
35.4620

■ 167.2070, 48.5500,
23.2220

■ 120.2060, 85.8220,
41.5820

■ 182.8740, 36.1260,
17.1020

■ 105.1260, 97.9710,
47.1790

■ 197.9540, 23.9770,
11.5050

■ 89.4590, 110.3950,
53.2990

■ 213.7350, 11.2320,
5.6960

■ 73.6780, 123.1400,
59.1080

■ 229.4020, -1.1920,
-0.4240

■ 72.3900, 124.0110,
59.8430

■ 245.0690,
-13.6160, -6.5440

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



154.2020, 38.9190, 38.0790



151.5400, 60.9740, 29.3420



150.0990, 65.9290, 11.1210

Triad

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



151.5400, 60.9740, 29.3420



139.7880, -6.5960, -34.6600



120.6130, -117.7840, -12.9840

Complementary

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



151.5400, 60.9740, 29.3420



192.4600, -60.9740, -29.3420

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.



122.6870, -112.6010, -24.3210



151.5400, 60.9740, 29.3420



127.4950, -60.0550, -40.4950

Square

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



151.5400, 60.9740, 29.3420



145.2780, 30.3110, -26.2090



119.5290, -100.9530, -37.1850



147.8830, -47.1820, 18.0820

Rectangle

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



151.5400, 60.9740, 29.3420



149.0190, 59.7420, -3.4100



119.5290, -100.9530, -37.1850



122.2770, -116.9580, -16.9420

Sweetspot

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



151.5400, 60.9740, 29.3420



229.0460, 20.7220, 9.9220



156.5750, 19.4760, 54.5480



112.2190, 12.7450, 5.8090



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.



151.5400, 60.9740, 29.3420



152.5860, 81.6960, 39.2640



171.2070, 56.5770, 4.3930



106.8160, 6.5100, 3.1660



56.8270, 97.3750, 46.9670



16.1610, 27.8280, 13.3000

Inverse Universe

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



151.5400, 60.9740, 29.3420



152.5860, 81.6960, 39.2640



172.7930, -56.5770, -4.3930



106.8160, 6.5100, 3.1660



56.8270, 97.3750, 46.9670



16.1610, 27.8280, 13.3000

Previews

White Background



This preview shows how the YIQ color 151.5400, 60.9740, 29.3420 looks on a white background.

Color Contrast Check

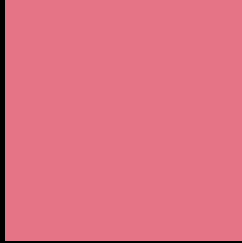
Large Text (above 18pt) WCAG AA × Fail

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 151.5400, 60.9740, 29.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

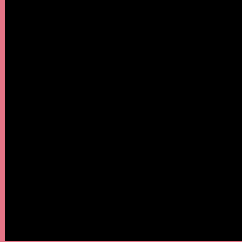
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.5400, 60.9740, 29.3420

Background



This preview shows how black text looks on a background with the YIQ color 151.5400, 60.9740, 29.3420.

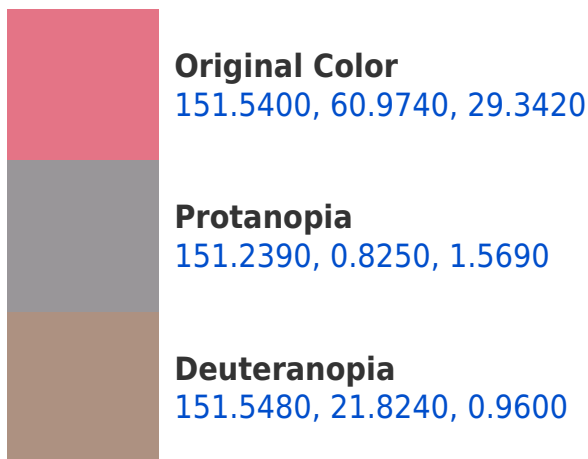


This preview shows how white text looks on a background with the YIQ color 151.5400, 60.9740,

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





Tritanopia

150.9160, 62.6710, 26.1190

Trichromacy



Original Color

151.5400, 60.9740, 29.3420

Protanomaly

151.4700, 22.4640, 11.3920

Deuteranomaly

151.2990, 36.1270, 11.5750

Tritanomaly

151.2580, 61.7080, 27.0520

Monochromacy



Original Color

151.5400, 60.9740, 29.3420

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9430, 22.5100, 10.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.5400, 60.9740, 29.3420 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(228, 116, 134)` looks like.

```
.text, #text, p{  
    color:rgb(228, 116, 134)  
}
```

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(228, 116, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 116, 134) }
```

Border

The CSS property to change the border of an element to YIQ 151.5400, 60.9740, 29.3420 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(228, 116, 134) }
```


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

```
.border{ border-color:rgb(228, 116, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 116, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 116, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 116, 134);  
box-shadow:4px 4px 4px 4px rgb(228, 116,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 151.5400, 60.9740, 29.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 116, 134) }
```

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

```
.background{ background-color: rgb(228,  
116, 134) }
```

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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