

Converting Colors

YIQ(154.2620, 3.1590, 25.3590)

Have a look what the booklet for
YIQ(154.2620, 3.1590, 25.3590)
contains.

YIQ(154.2620, 3.1590, 25.3590)	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(154.2620, 3.1590,
25.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	AD89C2
RGB	173, 137, 194
RGB Percent	68%, 54%, 76%
CMY	0.3214, 0.4628, 0.2392
CMYK	0.11, 0.29, 0.00, 0.24
HSL	278°, 32%, 65%
HSV	278°, 29%, 76%
XYZ	35.9206, 30.6695, 55.0608
YIQ	154.2620, 3.1590, 25.3590

Conversions

Conversions Part 2

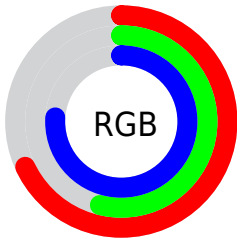
Format	Color
R _Y B	173, 137, 194
Decimal	11372994
CIE Lab	62.23, 24.31, -24.46
CIE LCh	62, 34.488, 314.818
Yxy	30.6695, 0.2953, 0.2521
Android (android.graphics.Color)	4289563074 (0xFFAD89C2)
YUV	154.2620, 19.5908, 16.4332
Hunter-Lab	55.3801, 18.8637, -20.1821

Details

The YIQ color $154.2620, 3.1590, 25.3590$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $176.7380, -3.1590, -25.3590$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $209.2020, 3.3880, 26.7160$, and $102.9090, 2.6550, 23.4790$ is the 20% darker color. If you saturate the color by 10%, you get $141.0160, 4.2120, 33.8120$, and if you desaturate by 10%, it is $167.5080, 2.1060, 16.9060$.

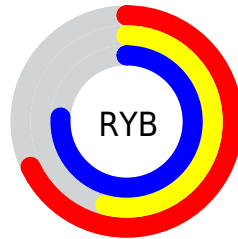
Distribution



Red (68%)

Green (54%)

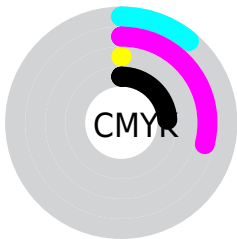
Blue (76%)



Red (68%)

Yellow (54%)

Blue (76%)

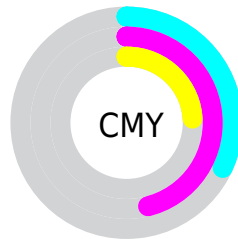


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2620, 3.1590, 25.3590 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 154.2620, 3.1590, 25.3590 by changing the saturation by 10% instead.

■ 154.2620, 3.1590,
25.3590

■ 154.2620, 3.1590,
25.3590

255.0000, -0.0000,
-0.0000

■ 127.8490, 2.8840,
24.8360

■ 209.2020, 3.3880,
26.7160

■ 102.9090, 2.6550,
23.4790

■ 233.8680, 9.9000,
18.8280

■ 78.4960, 2.3800,
22.9560

■ 250.3040, 2.2000,
4.1840

■ 54.6700, 1.8300,
21.9100

■ 32.7300, 1.6010,
20.5530

■ 13.0890, 1.9680,
19.4080

■ 3.0950, -7.3370,

6.3190

0.0000, 0.0000,
0.0000

154.2620, 3.1590,
25.3590

154.2620, 3.1590,
25.3590

141.0160, 4.2120,
33.8120

167.5080, 2.1060,
16.9060

127.1830, 5.5400,
42.7880

181.3410, 0.7780,
7.9300

113.9370, 6.5930,
51.2410

194.5870, -0.2750,
-0.5230

100.1040, 7.9210,
60.2170

208.7190, -1.0070,
-9.2870

86.5590, 8.3780,
68.4580

221.9650, -2.0600,
-17.7400

■ 73.3130, 9.4310,
76.9110

■ 235.2110, -3.1130,
-26.1930

■ 59.4800, 10.7590,
85.8870

■ 238.4780, 0.5090,
-25.7550

■ 58.8930, 11.0340,
86.4100

■ 240.5710, 4.6810,
-24.2710

■ 242.6640, 8.8530,
-22.7870

Harmonies

Analogous

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



149.8710, -29.7130, 15.3670



154.2620, 3.1590, 25.3590



153.9740, 30.3930, 27.3930

Triad

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



154.2620, 3.1590, 25.3590



149.4450, 40.8070, -7.1690



127.9020, -76.8380, -28.1820

Complementary

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



154.2620, 3.1590, 25.3590



176.7380, -3.1590, -25.3590

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.



137.1220, -39.4710, -28.0710



154.2620, 3.1590, 25.3590



146.4160, 21.4150, -19.1690

Square

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



154.2620, 3.1590, 25.3590



151.4930, 50.0200, 7.5880



142.7700, -6.1850, -25.5850



125.1470, -93.3450, -20.8730

Rectangle

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



154.2620, 3.1590, 25.3590



153.2110, 42.7270, 24.1270



142.7700, -6.1850, -25.5850



131.4320, -63.7710, -28.2110

Sweetspot

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



154.2620, 3.1590, 25.3590



236.6940, 1.2820, 9.8100



156.4120, -24.3470, 6.2210



117.4010, 0.5490, 6.5730



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.



154.2620, 3.1590, 25.3590



190.7760, 5.1280, 39.2400



159.7430, 17.9220, 27.6340



89.9340, 0.3660, 4.3820



48.8520, 9.1110, 71.6950



10.0410, 1.9230, 14.7150

Inverse Universe

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



156.4370, 27.2310, 18.6150



194.0740, 41.8550, 28.9190



171.2570, -17.9220, -27.6340



90.4460, 4.6760, 3.3640



54.8650, 77.0170, 52.4810



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 154.2620, 3.1590, 25.3590 looks on a white background.

Color Contrast Check

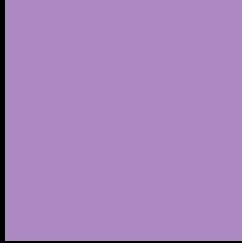
Large Text (above 18pt) WCAG AA × Fail

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 154.2620, 3.1590, 25.3590 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 154.2620, 3.1590, 25.3590

Background



This preview shows how black text looks on a background with the YIQ color 154.2620, 3.1590, 25.3590.



This preview shows how white text looks on a background with the YIQ color 154.2620, 3.1590,

25.3590.

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

154.2620, 3.1590, 25.3590

Protanopia

150.9700, -25.6780, 13.8260

Deuteranopia

151.8200, -16.5080, 12.8360



Tritanopia

152.2450, 9.8560, 8.6080

Trichromacy



Original Color

154.2620, 3.1590, 25.3590

Protanomaly

152.4660, -15.2710, 17.9530

Deuteranomaly

152.8750, -9.1730, 17.5710

Tritanomaly

152.6780, 7.3790, 14.9550

Monochromacy



Original Color

154.2620, 3.1590, 25.3590

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2810, 1.0070, 9.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2620, 3.1590, 25.3590 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(173, 137, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 194)  
}
```

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(173, 137, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 194) }
```

Border

The CSS property to change the border of an element to YIQ 154.2620, 3.1590, 25.3590 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(173, 137, 194) }
```


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

```
.border{ border-color:rgb(173, 137, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 137, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2620, 3.1590, 25.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 194) }
```

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

```
.background{ background-color: rgb(173,  
137, 194) }
```

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