

Converting Colors

YIQ(150.5820, -0.7380, 24.3980)

Have a look what the booklet for
YIQ(150.5820, -0.7380, 24.3980)
contains.

YIQ(150.5820, -0.7380, 24.3980)	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(150.5820, -0.7380,
24.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	A587C1
RGB	165, 135, 193
RGB Percent	65%, 53%, 76%
CMY	0.3528, 0.4706, 0.2432
CMYK	0.14, 0.30, 0.00, 0.24
HSL	271°, 32%, 64%
HSV	271°, 30%, 76%
XYZ	33.8093, 29.1765, 54.2946
YIQ	150.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

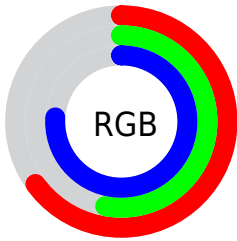
Format	Color
RYB	165, 135, 193
Decimal	10848193
CIELab	60.94, 22.65, -25.95
CIELCh	61, 34.440, 311.114
Yxy	29.1765, 0.2883, 0.2488
Android (android.graphics.Color)	4289038273 (0xFFA587C1)
YUV	150.5820, 20.9121, 12.6446
Hunter-Lab	54.0152, 17.2002, -21.7860

Details

The YIQ color $150.5820, -0.7380, 24.3980$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $177.4180, 0.7380, -24.3980$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.9350, -0.2340, 26.2780$, and $99.2290, -1.2420, 22.5180$ is the 20% darker color. If you saturate the color by 10%, you get $136.7380, -0.8770, 32.4270$, and if you desaturate by 10%, it is $164.4260, -0.5990, 16.3690$.

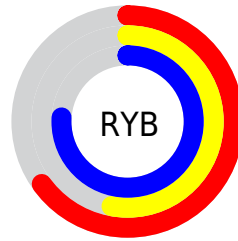
Distribution



Red (65%)

Green (53%)

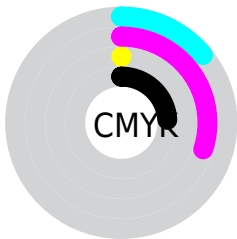
Blue (76%)



Red (65%)

Yellow (53%)

Blue (76%)

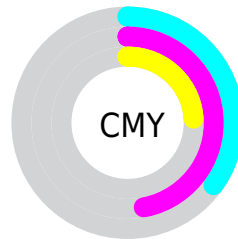


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.5820, -0.7380, 24.3980 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 150.5820, -0.7380, 24.3980 by changing the saturation by 10% instead.


 150.5820, -0.7380,
24.3980


 150.5820, -0.7380,
24.3980


255.0000, -0.0000,
-0.0000


 124.1690, -1.0130,
23.8750


 204.9350, -0.2340,
26.2780


 99.2290, -1.2420,
22.5180


 230.3130, 7.1490,
19.1250

 74.8160, -1.5170,
21.9950

 249.1300, 2.7500,
5.2300

 51.8760, -1.7460,
20.6380

 29.9360, -1.9750,
19.2810

 11.4800, -0.6910,
18.0370

 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 150.5820, -0.7380,
24.3980

■ 150.5820, -0.7380,
24.3980

■ 136.7380, -0.8770,
32.4270

■ 164.4260, -0.5990,
16.3690

■ 122.0080, -1.3370,
40.7670

■ 179.1560, -0.1390,
8.0290

■ 108.1640, -1.4760,
48.7960

■ 193.0000, -0.0000,
-0.0000

■ 94.3200, -1.6150,
56.8250

■ 206.8440, 0.1390,
-8.0290

■ 79.8890, -1.4790,
65.3770

■ 220.9870, 0.8740,
-15.8460

65.7460, -2.2140,
73.1940

235.4180, 0.7380,
-24.3980

51.9020, -2.3530,
81.2230

240.4570, 5.0020,
-24.5820

243.1480, 10.3660,
-22.6740

246.1380, 16.3260,
-20.5540

Harmonies

Analogous

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



145.3650, -34.1600, 13.3600



150.5820, -0.7380, 24.3980



151.0060, 27.3670, 27.1670

Triad

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



150.5820, -0.7380, 24.3980



146.5700, 41.9530, -5.9110



125.0550, -72.8950, -28.0550

Complementary

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



150.5820, -0.7380, 24.3980



177.4180, 0.7380, -24.3980

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.



134.5740, -34.9320, -27.7320



150.5820, -0.7380, 24.3980



143.9110, 24.3950, -18.1090

Square

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



150.5820, -0.7380, 24.3980



148.4330, 50.2490, 8.9450



140.0370, -2.5630, -25.1470



116.9070, -101.5970, -25.5090

Rectangle

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



150.5820, -0.7380, 24.3980



149.9550, 40.5720, 24.6360



140.0370, -2.5630, -25.1470



128.5850, -59.8280, -28.0840

Sweetspot

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



150.5820, -0.7380, 24.3980



233.2100, -0.2310, 9.6970



158.0480, -26.3180, 3.3940



114.6890, -0.3220, 5.8380



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.5820, -0.7380, 24.3980



184.3130, -0.8780, 37.9540



158.8400, 16.2710, 30.0230



89.6350, -0.2300, 4.1700



43.1710, -2.2130, 67.6670



8.8450, -0.4610, 13.8670

Inverse Universe

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



155.5340, 25.5800, 21.0040



191.8120, 39.8370, 32.4530



169.1600, -16.2710, -30.0230



90.5600, 4.3550, 3.6750



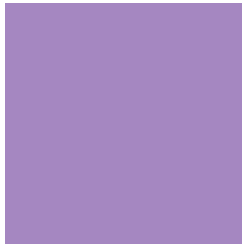
56.9170, 71.2390, 58.0790



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 150.5820, -0.7380, 24.3980 looks on a white background.

Color Contrast Check

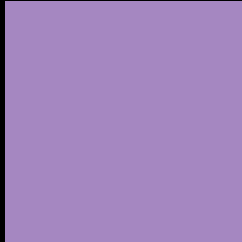
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.5820, -0.7380, 24.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

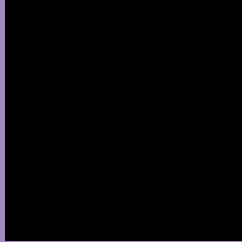
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.5820, -0.7380, 24.3980

Background



This preview shows how black text looks on a background with the YIQ color 150.5820, -0.7380, 24.3980.



This preview shows how white text looks on a background with the YIQ color 150.5820, -0.7380,

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

150.5820, -0.7380, 24.3980

Protanopia

147.1980, -26.3200, 14.4480

Deuteranopia

148.1510, -18.9380, 12.8220



Tritanopia

149.0380, 6.0050, 6.8130

Trichromacy



Original Color

150.5820, -0.7380, 24.3980

Protanomaly

148.0960, -17.1050, 18.1510

Deuteranomaly

148.9070, -12.1990, 17.3450

Tritanomaly

149.4710, 3.5280, 13.1600

Monochromacy



Original Color

150.5820, -0.7380, 24.3980

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.6830, -0.1850, 8.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5820, -0.7380, 24.3980 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(165, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 135, 193)  
}
```

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(165, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 135, 193) }
```

Border

The CSS property to change the border of an element to YIQ 150.5820, -0.7380, 24.3980 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(165, 135, 193) }
```


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

```
.border{ border-color:rgb(165, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 135,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5820, -0.7380, 24.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 135, 193) }
```

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

```
.background{ background-color: rgb(165,  
135, 193) }
```

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