

Converting Colors

YIQ(153.0720, 0.6380, 21.4860)

Have a look what the booklet for
YIQ(153.0720, 0.6380, 21.4860)
contains.

YIQ(153.0720, 0.6380, 21.4860)	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(153.0720, 0.6380,
21.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	A78BBD
RGB	167, 139, 189
RGB Percent	65%, 55%, 74%
CMY	0.3450, 0.4549, 0.2589
CMYK	0.12, 0.26, 0.00, 0.26
HSL	274°, 27%, 64%
HSV	274°, 26%, 74%
XYZ	34.3569, 30.3538, 52.1869
YIQ	153.0720, 0.6380, 21.4860

Conversions

Conversions Part 2

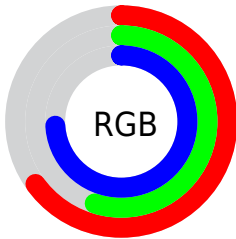
Format	Color
RYB	167, 139, 189
Decimal	10980285
CIELab	61.96, 20.15, -22.11
CIElCh	62, 29.910, 312.343
Yxy	30.3538, 0.2939, 0.2597
Android (android.graphics.Color)	4289170365 (0xFFA78BBD)
YUV	153.0720, 17.7125, 12.2149
Hunter-Lab	55.0943, 14.8978, -17.5952

Details

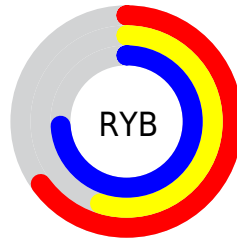
The YIQ color $153.0720, 0.6380, 21.4860$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $174.9280, -0.6380, -21.4860$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.8980, 1.1880, 22.5320$, and $101.8330, -0.1870, 19.9170$ is the 20% darker color. If you saturate the color by 10%, you get $139.5270, 1.0950, 29.7270$, and if you desaturate by 10%, it is $166.6170, 0.1810, 13.2450$.

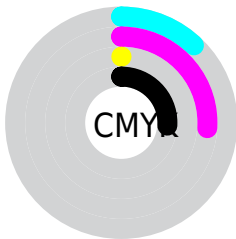
Distribution



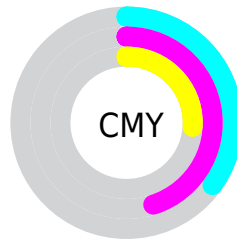
- Red (65%)
- Green (55%)
- Blue (74%)



- Red (65%)
- Yellow (55%)
- Blue (74%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0720, 0.6380, 21.4860 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 153.0720, 0.6380, 21.4860 by changing the saturation by 10% instead.

■ 153.0720, 0.6380,
21.4860

■ 153.0720, 0.6380,
21.4860

255.0000, -0.0000,
-0.0000

■ 126.6590, 0.3630,
20.9630

■ 207.8980, 1.1880,
22.5320

■ 101.8330, -0.1870,
19.9170

■ 233.8460, 6.9660,
16.9340

■ 77.3060, -0.1410,
19.0830

■ 251.4780, 1.6500,
3.1380

■ 54.4800, -0.6910,
18.0370

■ 31.9530, -0.6450,
17.2030

■ 11.7360, 1.4640,
17.5280

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 153.0720, 0.6380,
21.4860

■ 153.0720, 0.6380,
21.4860

■ 139.5270, 1.0950,
29.7270

■ 166.6170, 0.1810,
13.2450

■ 125.6830, 0.9560,
37.7560

■ 180.4610, 0.3200,
5.2160

■ 112.1380, 1.4130,
45.9970

■ 194.0060, -0.1370,
-3.0250

■ 98.5930, 1.8700,
54.2380

■ 207.5510, -0.5940,
-11.2660

■ 85.0480, 2.3270,
62.4790

■ 220.8080, -0.1800,
-18.7720

71.7910, 1.9130,
69.9850

234.3530, -0.6370,
-27.0130

58.2460, 2.3700,
78.2260

238.5060, 3.3060,
-26.8860

53.2400, 2.5070,
81.2510

240.8980, 8.0740,
-25.1900

243.5890, 13.4380,
-23.2820

Harmonies

Analogous

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



148.9590, -27.1450, 12.8790



153.0720, 0.6380, 21.4860



153.8160, 24.8460, 23.2940

Triad

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



153.0720, 0.6380, 21.4860



149.7590, 37.0470, -5.1050



134.5410, -56.5280, -21.8080

Complementary

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



153.0720, 0.6380, 21.4860



174.9280, -0.6380, -21.4860

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.



139.5470, -30.3020, -23.5340



153.0720, 0.6380, 21.4860



147.2250, 20.6350, -16.0450

Square

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



153.0720, 0.6380, 21.4860



150.9700, 44.2430, 7.6590



143.8460, -3.3430, -22.0230



134.1240, -68.1750, -14.4710

Rectangle

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



153.0720, 0.6380, 21.4860



153.0960, 35.6210, 20.7490



143.8460, -3.3430, -22.0230



135.9070, -48.8710, -22.9110

Sweetspot

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



153.0720, 0.6380, 21.4860



230.5690, 0.1360, 8.5520



157.6140, -22.1000, 4.0440



113.4610, 0.3200, 5.2160



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



153.0720, 0.6380, 21.4860



188.1620, 0.8650, 33.8970



159.3080, 14.7130, 25.2170



87.5210, 0.0910, 3.8590



44.6230, 2.3260, 68.0060



8.6170, 0.1810, 13.2450

Inverse Universe

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



156.4580, 22.7380, 17.4420



193.6110, 35.8490, 27.6330



168.5780, -14.3920, -25.5280



88.1470, 4.0800, 3.1520



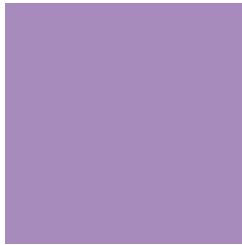
55.1080, 72.0190, 54.9550



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 153.0720, 0.6380, 21.4860 looks on a white background.

Color Contrast Check

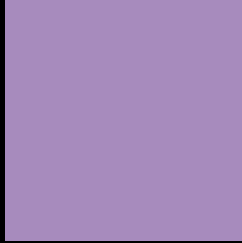
Large Text (above 18pt) WCAG AA × Fail

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 153.0720, 0.6380, 21.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

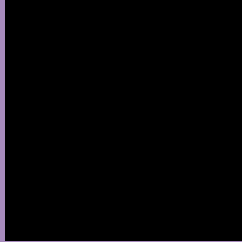
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.0720, 0.6380, 21.4860

Background



This preview shows how black text looks on a background with the YIQ color 153.0720, 0.6380, 21.4860.



This preview shows how white text looks on a background with the YIQ color 153.0720, 0.6380,

21.4860.

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

153.0720, 0.6380, 21.4860

Protanopia

150.1830, -21.9640, 12.5960

Deuteranopia

150.9620, -14.0320, 12.0160



Tritanopia

151.3370, 6.6010, 7.0250

Trichromacy



Original Color

153.0720, 0.6380, 21.4860

Protanomaly

151.3690, -13.6200, 15.5640

Deuteranomaly

151.7070, -8.7600, 15.5920

Tritanomaly

152.1290, 4.4910, 12.2270

Monochromacy



Original Color

153.0720, 0.6380, 21.4860

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0720, 0.6380, 21.4860 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(167, 139, 189)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 189)  
}
```

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(167, 139, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 189) }
```

Border

The CSS property to change the border of an element to YIQ 153.0720, 0.6380, 21.4860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

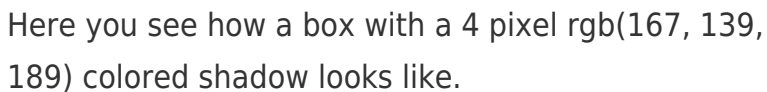
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 139, 189) }
```


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

```
.border{ border-color:rgb(167, 139, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 139, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 139, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 139, 189); box-shadow:4px 4px 4px 4px rgb(167, 139, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0720, 0.6380, 21.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 189) }
```

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

```
.background{ background-color: rgb(167,  
139, 189) }
```

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