

Converting Colors

YIQ(153.8510, 8.5700, 20.9060)

Have a look what the booklet for
YIQ(153.8510, 8.5700, 20.9060)
contains.

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Color

**YIQ(153.8510, 8.5700,
20.9060)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AF8AB4 |
| RGB | 175, 138, 180 |
| RGB Percent | 69%, 54%, 71% |
| CMY | 0.3136, 0.4589, 0.2941 |
| CMYK | 0.03, 0.23, 0.00, 0.29 |
| HSL | 293°, 22%, 62% |
| HSV | 293°, 23%, 71% |
| XYZ | 35.0103, 30.5852, 47.2385 |
| YIQ | 153.8510, 8.5700, 20.9060 |

Conversions

Conversions Part 2

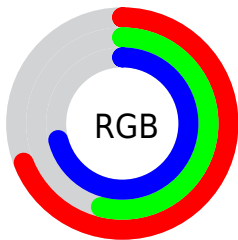
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 175, 138, 180 |
| Decimal | 11504308 |
| CIELab | 62.16, 21.54, -16.65 |
| CIElCh | 62, 27.226, 322.288 |
| Yxy | 30.5852, 0.3103, 0.2711 |
| Android (android.graphics.Color) | 4289694388 (0xFFAF8AB4) |
| YUV | 153.8510, 12.8915, 18.5477 |
| Hunter-Lab | 55.3039, 16.2182, -11.9306 |

Details

The YIQ color **153.8510, 8.5700, 20.9060** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.1490, -8.5700, -20.9060**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.6770, 9.1200, 21.9520**, and **102.6120, 7.7450, 19.3370** is the 20% darker color. If you saturate the color by 10%, you get **142.6870, 12.3280, 29.8960**, and if you desaturate by 10%, it is **165.0150, 4.8120, 11.9160**.

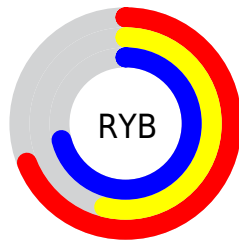
Distribution



Red (69%)

Green (54%)

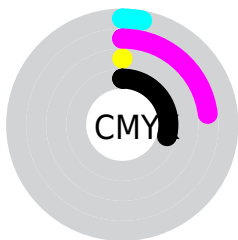
Blue (71%)



Red (69%)

Yellow (54%)

Blue (71%)

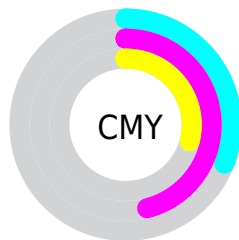


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8510, 8.5700, 20.9060 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 153.8510, 8.5700, 20.9060 by changing the saturation by 10% instead.

■ 153.8510, 8.5700,
20.9060

■ 153.8510, 8.5700,
20.9060

■ 255.0000, -0.0000,
-0.0000

■ 127.4380, 8.2950,
20.3830

■ 208.6770, 9.1200,
21.9520

■ 102.6120, 7.7450,
19.3370

■ 234.4550, 9.6250,
18.3050

■ 78.1990, 7.4700,
18.8140

■ 250.8910, 1.9250,
3.6610

■ 54.7860, 7.1950,
18.2910

■ 32.6610, 6.0490,
17.0330

■ 12.8460, 6.9660,
16.9340

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 153.8510, 8.5700,
20.9060

■ 153.8510, 8.5700,
20.9060

■ 142.6870, 12.3280,
29.8960

■ 165.0150, 4.8120,
11.9160

■ 131.5230, 16.0860,
38.8860

■ 176.1790, 1.0540,
2.9260

■ 120.3590, 19.8440,
47.8760

■ 187.3430, -2.7040,
-6.0640

■ 109.1950, 23.6020,
56.8660

■ 198.8060, -5.8660,
-14.8420

■ 97.7320, 26.7640,
65.6440

■ 209.9700, -9.6240,
-23.8320

86.5680, 30.5220,
74.6340

221.1340,
-13.3820, -32.8220

75.4040, 34.2800,
83.6240

227.0150,
-14.6650, -37.1050

68.0610, 36.9840,
89.6880

227.6130,
-13.4730, -36.6810

228.2110,
-12.2810, -36.2570

Harmonies

Analogous

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



151.2870, -16.3250, 15.0270



153.8510, 8.5700, 20.9060



153.9750, 28.6520, 20.3960

Triad

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



153.8510, 8.5700, 20.9060



149.7580, 29.6200, -8.1720



136.9590, -54.6490, -17.3130

Complementary

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



153.8510, 8.5700, 20.9060



164.1490, -8.5700, -20.9060

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.



139.7900, -35.3000, -21.0600



153.8510, 8.5700, 20.9060



146.9190, 12.7490, -16.2990

Square

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



153.8510, 8.5700, 20.9060



151.5840, 39.3380, 2.9380



143.7790, -10.4040, -20.7080



139.2720, -56.6680, -8.2520

Rectangle

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



153.8510, 8.5700, 20.9060



152.7600, 36.4470, 16.7910



143.7790, -10.4040, -20.7080



138.1290, -49.3760, -19.2640

Sweetspot

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



153.8510, 8.5700, 20.9060



224.4230, 3.4830, 8.4670



146.3100, -15.1320, 9.9240



111.4180, 1.8790, 4.4950



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



153.8510, 8.5700, 20.9060



193.8660, 13.3820, 32.8220



153.6360, 16.3650, 17.3010



83.4180, 1.8790, 4.4950



57.8070, 31.3470, 76.2030



9.5420, 4.7660, 12.7500

Inverse Universe

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



151.1280, 23.4270, 10.4590



189.6460, 36.7680, 16.4800



164.3640, -16.3650, -17.3010



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 153.8510, 8.5700, 20.9060 looks on a white background.

Color Contrast Check

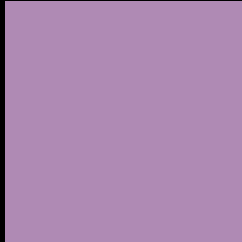
Large Text (above 18pt) WCAG AA × Fail

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 153.8510, 8.5700, 20.9060 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 153.8510, 8.5700, 20.9060

Background



This preview shows how black text looks on a background with the YIQ color 153.8510, 8.5700, 20.9060.



This preview shows how white text looks on a background with the YIQ color 153.8510, 8.5700,

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

153.8510, 8.5700, 20.9060

Protanopia

151.0540, -17.2870, 10.4330

Deuteranopia

151.7300, -7.5670, 10.4890



Tritanopia

152.6260, 13.1570, 9.3570

Trichromacy



Original Color

153.8510, 8.5700, 20.9060

Protanomaly

151.9520, -8.0720, 14.1360

Deuteranomaly

152.7740, -1.6990, 14.2770

Tritanomaly

152.7770, 11.4140, 13.4140

Monochromacy



Original Color

153.8510, 8.5700, 20.9060

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8510, 8.5700, 20.9060 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(175, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 138, 180)  
}
```

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(175, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 138, 180) }
```

Border

The CSS property to change the border of an element to YIQ 153.8510, 8.5700, 20.9060 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(175, 138, 180) }
```


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

```
.border{ border-color:rgb(175, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(175, 138,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8510, 8.5700, 20.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 138, 180) }
```

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

```
.background{ background-color: rgb(175,  
138, 180) }
```

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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