

Converting Colors

YIQ(106.0510, 5.1310, 22.6590)

Have a look what the booklet for
YIQ(106.0510, 5.1310, 22.6590)
contains.

YIQ(106.0510, 5.1310, 22.6590)	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(106.0510, 5.1310,
22.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5A8B
RGB	125, 90, 139
RGB Percent	49%, 35%, 55%
CMY	0.5097, 0.6471, 0.4549
CMYK	0.10, 0.35, 0.00, 0.45
HSL	283°, 21%, 45%
HSV	283°, 35%, 55%
XYZ	16.7765, 13.5360, 26.1529
YIQ	106.0510, 5.1310, 22.6590

Conversions

Conversions Part 2

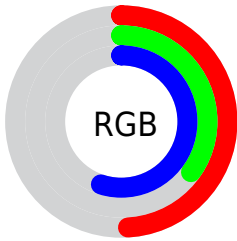
Format	Color
R_{YB}	125, 90, 139
Decimal	8215179
CIE _{Lab}	43.56, 23.75, -21.63
CIE _{LCh}	44, 32.125, 317.670
Yxy	13.5360, 0.2971, 0.2397
Android (android.graphics.Color)	4286405259 (0xFF7D5A8B)
YUV	106.0510, 16.2439, 16.6183
Hunter-Lab	36.7913, 17.0097, -16.3921

Details

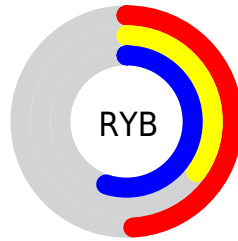
The YIQ color **106.0510, 5.1310, 22.6590** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.9490, -5.1310, -22.6590**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.9910, 5.3600, 24.0160**, and **57.8120, 4.3060, 21.0900** is the 20% darker color. If you saturate the color by 10%, you get **96.6370, 6.5970, 29.1330**, and if you desaturate by 10%, it is **115.4650, 3.6650, 16.1850**.

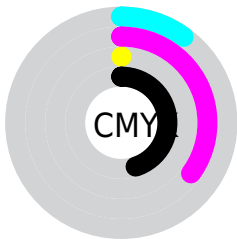
Distribution



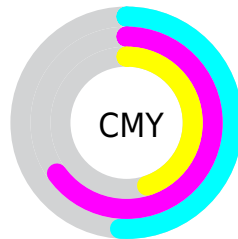
- Red (49%)
- Green (35%)
- Blue (55%)



- Red (49%)
- Yellow (35%)
- Blue (55%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.0510, 5.1310, 22.6590 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 106.0510, 5.1310, 22.6590 by changing the saturation by 10% instead.

■ 106.0510, 5.1310,
22.6590

■ 106.0510, 5.1310,
22.6590

■ 255.0000, -0.0000,
-0.0000

■ 81.5240, 5.1770,
21.8250

■ 157.9910, 5.3600,
24.0160

■ 57.8120, 4.3060,
21.0900

■ 184.8170, 5.9100,
25.0620

■ 34.9860, 3.7560,
20.0440

■ 212.5290, 6.7810,
25.7970

■ 14.1710, 4.6730,
19.9450

■ 235.6290, 9.0750,
17.2590

■ 3.0950, -7.3370,
6.3190

■ 252.6520, 1.1000,
2.0920

■ 0.0000, 0.0000,
0.0000

106.0510, 5.1310,
22.6590

106.0510, 5.1310,
22.6590

96.6370, 6.5970,
29.1330

115.4650, 3.6650,
16.1850

87.2230, 8.0630,
35.6070

124.8790, 2.1990,
9.7110

77.8090, 9.5290,
42.0810

134.2930, 0.7330,
3.2370

68.3950, 10.9950,
48.5550

143.7070, -0.7330,
-3.2370

58.9810, 12.4610,
55.0290

152.5340, -1.9240,
-9.1880

50.1540, 13.6520,
60.9800

161.9480, -3.3900,
-15.6620

45.4470, 14.3850,
64.2170

171.3620, -4.8560,
-22.1360

180.7760, -6.3220,

-28.6100

■ 190.1900, -7.7880,
-35.0840

Harmonies

Analogous

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



102.5680, -24.4860, 14.2500



106.0510, 5.1310, 22.6590



105.1970, 28.1470, 24.0430

Triad

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



106.0510, 5.1310, 22.6590



101.7970, 33.8840, -8.3560



82.1310, -70.0530, -24.4930

Complementary

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



106.0510, 5.1310, 22.6590



122.9490, -5.1310, -22.6590

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.



88.0340, -42.0390, -25.5830



106.0510, 5.1310, 22.6590



99.1320, 16.4630, -17.5290

Square

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



106.0510, 5.1310, 22.6590



103.0190, 42.5470, 5.3550



95.6820, -8.7530, -23.0970



83.1060, -76.9320, -15.4600

Rectangle

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



106.0510, 5.1310, 22.6590



104.3520, 37.7760, 20.2400



95.6820, -8.7530, -23.0970



81.1050, -67.1640, -27.2920

Sweetspot

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



106.0510, 5.1310, 22.6590



167.4660, 1.9240, 9.1880



104.3910, -19.8540, 7.3940



83.7600, 0.9160, 5.4280



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



106.0510, 5.1310, 22.6590



129.8100, 7.7880, 35.0840



109.0970, 16.6850, 22.5170



64.2930, 0.7330, 3.2370



43.5670, 13.9270, 61.5030



1.7660, 0.7790, 2.4030

Inverse Universe

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



106.2470, 24.7100, 14.7420



130.2320, 38.2340, 22.9540



119.9030, -16.6850, -22.5170



64.3210, 3.5300, 2.1060



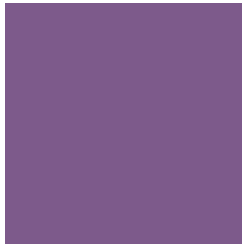
44.0990, 67.0700, 40.0140



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 106.0510, 5.1310, 22.6590 looks on a white 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

Black Background



This preview shows how the YIQ color 106.0510, 5.1310, 22.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

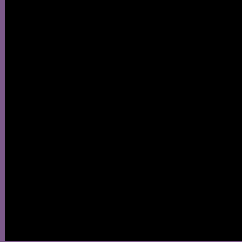
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.0510, 5.1310, 22.6590

Background



This preview shows how black text looks on a background with the YIQ color 106.0510, 5.1310, 22.6590.



This preview shows how white text looks on a background with the YIQ color 106.0510, 5.1310,

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

106.0510, 5.1310, 22.6590

Protanopia

103.0580, -23.1100, 11.3380

Deuteranopia

103.8970, -15.4070, 9.4010



Tritanopia

104.7890, 11.1400, 7.3640

Trichromacy



Original Color

106.0510, 5.1310, 22.6590

Protanomaly

104.2550, -13.2990, 15.2530

Deuteranomaly

104.9520, -8.0720, 14.1360

Tritanomaly

104.9940, 9.3050, 13.0890

Monochromacy



Original Color

106.0510, 5.1310, 22.6590

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.0510, 5.1310, 22.6590 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(125, 90, 139)` looks like.

```
.text, #text, p{  
    color:rgb(125, 90, 139)  
}
```

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(125, 90, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 90, 139) }
```

Border

The CSS property to change the border of an element to YIQ 106.0510, 5.1310, 22.6590 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(125, 90, 139) }
```


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

```
.border{ border-color:rgb(125, 90, 139) }
```

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

Here you see how a box with a 4 pixel rgb(125, 90, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 90, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 90, 139);  
box-shadow:4px 4px 4px 4px rgb(125, 90,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 106.0510, 5.1310, 22.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 90, 139) }
```

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

```
.background{ background-color: rgb(125, 90,  
139) }
```

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