

Converting Colors

YIQ(107.6520, 2.2410, 30.9850)

Have a look what the booklet for
YIQ(107.6520, 2.2410, 30.9850)
contains.

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Color

**YIQ(107.6520, 2.2410,
30.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	81579E
RGB	129, 87, 158
RGB Percent	51%, 34%, 62%
CMY	0.4940, 0.6589, 0.3804
CMYK	0.18, 0.45, 0.00, 0.38
HSL	276°, 29%, 48%
HSV	276°, 45%, 62%
XYZ	18.6362, 13.9518, 34.0532
YIQ	107.6520, 2.2410, 30.9850

Conversions

Conversions Part 2

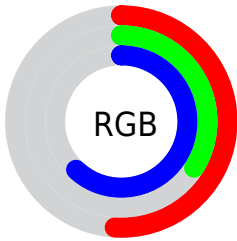
Format	Color
R_{YB}	129, 87, 158
Decimal	8476574
CIE _{Lab}	44.16, 31.15, -32.03
CIE _{LCh}	44, 44.676, 314.204
Yxy	13.9518, 0.2796, 0.2094
Android (android.graphics.Color)	4286666654 (0xFF81579E)
YUV	107.6520, 24.8216, 18.7222
Hunter-Lab	37.3521, 23.6933, -27.9071

Details

The YIQ color **107.6520, 2.2410, 30.9850** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.3480, -2.2410, -30.9850**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0050, 2.7450, 32.8650**, and **58.8860, 1.4620, 28.5820** is the 20% darker color. If you saturate the color by 10%, you get **96.4660, 3.0650, 38.0810**, and if you desaturate by 10%, it is **118.8380, 1.4170, 23.8890**.

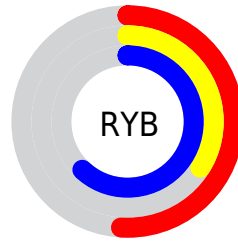
Distribution



Red (51%)

Green (34%)

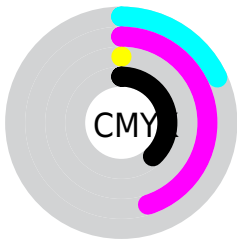
Blue (62%)



Red (51%)

Yellow (34%)

Blue (62%)

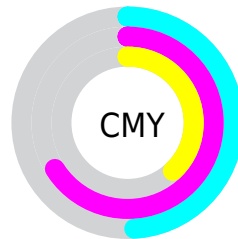


Cyan (18%)

Magenta (45%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (66%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.6520, 2.2410, 30.9850 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 107.6520, 2.2410, 30.9850 by changing the saturation by 10% instead.

107.6520, 2.2410,
30.9850

107.6520, 2.2410,
30.9850

255.0000, -0.0000,
-0.0000

82.8260, 1.6910,
29.9390

160.0050, 2.7450,
32.8650

58.8860, 1.4620,
28.5820

186.8310, 3.2950,
33.9110

35.1740, 0.5910,
27.8470

213.5340, 8.3850,
29.7690

15.5820, -0.7380,
24.3980

234.4550, 9.6250,
18.3050

4.1040, -11.5560,
11.1960

250.8910, 1.9250,
3.6610

1.2540, -3.5310,
3.4210

0.0000, 0.0000,

0.0000

■ 107.6520, 2.2410,
30.9850

■ 107.6520, 2.2410,
30.9850

■ 96.4660, 3.0650,
38.0810

■ 118.8380, 1.4170,
23.8890

■ 84.9810, 3.2930,
44.9650

■ 130.3230, 1.1890,
17.0050

■ 74.3820, 3.8420,
51.5380

■ 140.9220, 0.6400,
10.4320

■ 62.8970, 4.0700,
58.4220

■ 152.4070, 0.4120,
3.5480

■ 51.7110, 4.8940,
65.5180

■ 163.5930, -0.4120,
-3.5480

■ 46.1180, 5.3060,
69.0660

■ 175.0780, -0.6400,
-10.4320

■ 186.2640, -1.4640,
-17.5280

■ 197.1620, -1.4170,
-23.8890

■ 208.3480, -2.2410,
-30.9850

Harmonies

Analogous

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



100.0850, -44.9350, 15.9050



107.6520, 2.2410, 30.9850



105.6530, 36.0310, 35.3510

Triad

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



107.6520, 2.2410, 30.9850



100.9310, 48.0060, -10.9860



85.4080, -72.3910, -26.1750

Complementary

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



107.6520, 2.2410, 30.9850



137.3480, -2.2410, -30.9850

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.



80.4890, -59.9180, -37.4700



107.6520, 2.2410, 30.9850



98.2390, 26.0470, -26.0250

Square

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



107.6520, 2.2410, 30.9850



102.7390, 58.1350, 9.1990



93.5860, -8.8430, -32.4830



88.1100, -82.7550, -14.5550

Rectangle

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



107.6520, 2.2410, 30.9850



103.7330, 50.2450, 31.0530



93.5860, -8.8430, -32.4830



84.0400, -68.5390, -29.9070

Sweetspot

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



107.6520, 2.2410, 30.9850



187.8620, 0.8690, 11.7890



112.7040, -31.0410, 6.3910



92.9280, 0.5030, 7.4070



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



107.6520, 2.2410, 30.9850



127.5020, 3.3840, 48.8240



115.6390, 21.4510, 35.2670



73.4070, 0.4120, 3.5480



41.7170, 4.7570, 62.4930



4.4010, 0.5490, 6.5730

Inverse Universe

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



111.5350, 33.0070, 24.0710



133.6180, 52.3070, 37.7390



129.3610, -21.4510, -35.2670



73.7340, 3.8050, 2.6290



49.3690, 66.6100, 48.3540



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 107.6520, 2.2410, 30.9850 looks on a white background.

Color Contrast Check

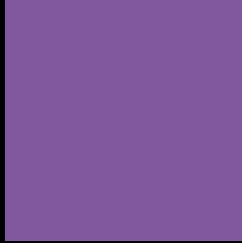
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.6520, 2.2410, 30.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

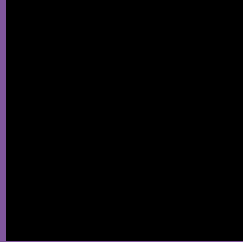
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.6520, 2.2410, 30.9850

Background



This preview shows how black text looks on a background with the YIQ color 107.6520, 2.2410, 30.9850.

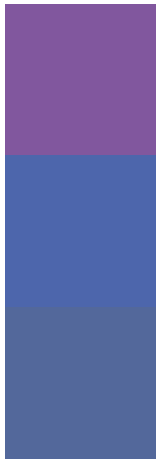


This preview shows how white text looks on a background with the YIQ color 107.6520, 2.2410,

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

107.6520, 2.2410, 30.9850

Protanopia

102.5050, -37.3700, 16.4700

Deuteranopia

103.5350, -28.8870, 11.4090



Tritanopia

106.3760, 10.8650, 6.8410

Trichromacy



Original Color

107.6520, 2.2410, 30.9850

Protanomaly

104.6810, -23.0660, 21.5580

Deuteranomaly

105.2100, -17.4260, 18.4620

Tritanomaly

107.0910, 7.6540, 15.4780

Monochromacy



Original Color

107.6520, 2.2410, 30.9850

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.7480, 1.1900, 11.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6520, 2.2410, 30.9850 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(129, 87, 158)` looks like.

```
.text, #text, p{  
    color:rgb(129, 87, 158)  
}
```

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(129, 87, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 87, 158) }
```

Border

The CSS property to change the border of an element to YIQ 107.6520, 2.2410, 30.9850 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(129, 87, 158) }
```


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

```
.border{ border-color:rgb(129, 87, 158) }
```

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

Here you see how a box with a 4 pixel rgb(129, 87, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 87, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 87, 158);  
box-shadow:4px 4px 4px 4px rgb(129, 87,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6520, 2.2410, 30.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 87, 158) }
```

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

```
.background{ background-color: rgb(129, 87,  
158) }
```

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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