

Converting Colors

YIQ(110.8250, -5.7360, 26.8720)

Have a look what the booklet for
YIQ(110.8250, -5.7360, 26.8720)
contains.

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Color

**YIQ(110.8250, -5.7360,
26.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5FA3
RGB	122, 95, 163
RGB Percent	48%, 37%, 64%
CMY	0.5215, 0.6275, 0.3609
CMYK	0.25, 0.42, 0.00, 0.36
HSL	264°, 27%, 51%
HSV	264°, 42%, 64%
XYZ	18.7302, 14.9656, 36.5428
YIQ	110.8250, -5.7360, 26.8720

Conversions

Conversions Part 2

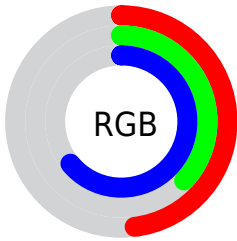
Format	Color
R_{YB}	122, 95, 163
Decimal	8019875
CIE Lab	45.59, 25.50, -32.80
CIE LCh	46, 41.550, 307.862
Yxy	14.9656, 0.2667, 0.2131
Android (android.graphics.Color)	4286209955 (0xFF7A5FA3)
YUV	110.8250, 25.7223, 9.8005
Hunter-Lab	38.6854, 18.7244, -28.9263

Details

The YIQ color $110.8250, -5.7360, 26.8720$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $147.1750, 5.7360, -26.8720$, and the grayscale version is $111.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $163.1780, -5.2320, 28.7520$, and $62.0590, -6.5150, 24.4690$ is the 20% darker color. If you saturate the color by 10%, you get $98.4430, -7.2960, 33.1200$, and if you desaturate by 10%, it is $123.2070, -4.1760, 20.6240$.

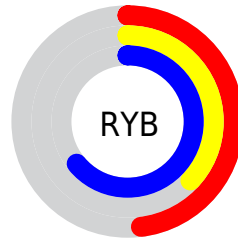
Distribution



Red (48%)

Green (37%)

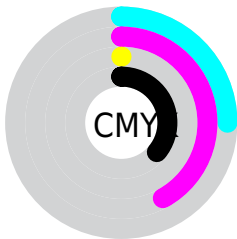
Blue (64%)



Red (48%)

Yellow (37%)

Blue (64%)

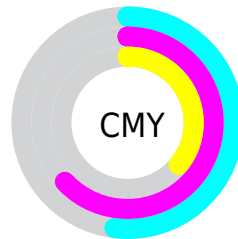


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8250, -5.7360, 26.8720 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 110.8250, -5.7360, 26.8720 by changing the saturation by 10% instead.

■ 110.8250, -5.7360,
26.8720

■ 110.8250, -5.7360,
26.8720

■ 255.0000, -0.0000,
-0.0000

■ 85.8850, -5.9650,
25.5150

■ 163.1780, -5.2320,
28.7520

■ 62.0590, -6.5150,
24.4690

■ 190.7050, -5.2780,
29.5860

■ 39.1190, -6.7440,
23.1120

■ 215.8380, 1.4170,
23.8890

■ 15.9940, -7.8900,
21.8540

■ 239.1510, 7.4250,
14.1210

■ 4.5600, -12.8400,
12.4400

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,

0.0000

■ 110.8250, -5.7360,
26.8720

■ 110.8250, -5.7360,
26.8720

■ 98.4430, -7.2960,
33.1200

■ 123.2070, -4.1760,
20.6240

■ 85.4740, -8.5810,
39.8910

■ 136.1760, -2.8910,
13.8530

■ 73.3910, -9.5450,
46.3510

■ 148.2590, -1.9270,
7.3930

■ 61.0090, -11.1050,
52.5990

■ 160.6410, -0.3670,
1.1450

■ 48.6270, -12.6650,
58.8470

■ 173.0230, 1.1930,
-5.1030

■ 38.0170, -13.5830,
64.4730

■ 185.9920, 2.4780,
-11.8740

■ 198.3740, 4.0380,
-18.1220

■ 210.7560, 5.5980,
-24.3700

■ 223.4260, 6.2870,
-31.3530

Harmonies

Analogous

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



101.8020, -51.6280, 10.5480



110.8250, -5.7360, 26.8720



110.4670, 27.6870, 32.3830

Triad

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



110.8250, -5.7360, 26.8720



105.9790, 48.0510, -6.2930



86.5990, -71.6110, -29.2990

Complementary

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



110.8250, -5.7360, 26.8720



147.1750, 5.7360, -26.8720

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.



87.6000, -46.9890, -34.9970



110.8250, -5.7360, 26.8720



103.5540, 29.7140, -20.8940

Square

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



110.8250, -5.7360, 26.8720



106.8790, 54.9250, 12.3090



99.4840, 0.3720, -28.7800



89.8880, -82.2500, -18.2020

Rectangle

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



110.8250, -5.7360, 26.8720



108.4980, 43.5970, 30.3890



99.4840, 0.3720, -28.7800



85.2310, -67.7590, -33.0310

Sweetspot

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



110.8250, -5.7360, 26.8720



190.4810, -2.4320, 11.0400



127.4060, -33.3780, -0.8180



94.0310, -1.2850, 6.7710



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



110.8250, -5.7360, 26.8720



130.6420, -8.9940, 41.8700



120.6920, 13.9320, 33.8680



75.2220, -0.5050, 3.6470



33.8720, -11.9770, 57.3910



4.1450, -1.6060, 7.0820

Inverse Universe

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



120.0060, 27.3670, 27.1670



144.9900, 42.6320, 42.3760



137.3080, -13.9320, -33.8680



76.2610, 3.7590, 3.4630



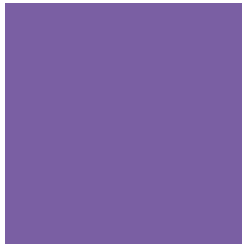
53.3870, 58.1720, 58.1080



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 110.8250, -5.7360, 26.8720 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 110.8250, -5.7360, 26.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

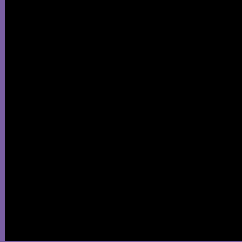
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.8250, -5.7360, 26.8720

Background



This preview shows how black text looks on a background with the YIQ color 110.8250, -5.7360, 26.8720.



This preview shows how white text looks on a background with the YIQ color 110.8250, -5.7360,

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

110.8250, -5.7360, 26.8720

Protanopia

106.6470, -34.8940, 15.6500

Deuteranopia

106.4640, -30.1250, 11.8190



Tritanopia

109.0050, 1.6040, 3.9720

Trichromacy



Original Color

110.8250, -5.7360, 26.8720

Protanomaly

108.1430, -24.4870, 19.7770

Deuteranomaly

108.1170, -21.5980, 16.9780

Tritanomaly

109.6060, -1.2860, 12.2980

Monochromacy



Original Color

110.8250, -5.7360, 26.8720

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8400, -2.0650, 9.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8250, -5.7360, 26.8720 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(122, 95, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 163)  
}
```

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(122, 95, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 163) }
```

Border

The CSS property to change the border of an element to YIQ 110.8250, -5.7360, 26.8720 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(122, 95, 163) }
```


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

```
.border{ border-color:rgb(122, 95, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 95, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 95, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 95,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8250, -5.7360, 26.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 163) }
```

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

```
.background{ background-color: rgb(122, 95,  
163) }
```

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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