

Converting Colors

YIQ(110.8720, 13.2450, 29.7970)

Have a look what the booklet for
YIQ(110.8720, 13.2450, 29.7970)
contains.

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Color

**YIQ(110.8720, 13.2450,
29.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5893
RGB	142, 88, 147
RGB Percent	56%, 35%, 58%
CMY	0.4430, 0.6550, 0.4235
CMYK	0.03, 0.40, 0.00, 0.42
HSL	295°, 25%, 46%
HSV	295°, 40%, 58%
XYZ	19.9170, 14.8369, 29.4185
YIQ	110.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

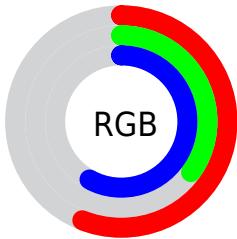
Format	Color
R_{YB}	142, 88, 147
Decimal	9328787
CIE _{Lab}	45.41, 32.29, -23.42
CIE _{LCh}	45, 39.883, 324.047
Yxy	14.8369, 0.3104, 0.2312
Android (android.graphics.Color)	4287518867 (0xFF8E5893)
YUV	110.8720, 17.8111, 27.2993
Hunter-Lab	38.5187, 24.8901, -18.3195

Details

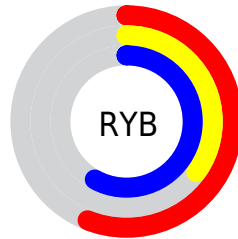
The YIQ color **110.8720, 13.2450, 29.7970** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.1280, -13.2450, -29.7970**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4100, 14.6660, 31.5780**, and **61.3340, 11.8240, 28.0160** is the 20% darker color. If you saturate the color by 10%, you get **101.7680, 16.7740, 37.4300**, and if you desaturate by 10%, it is **119.9760, 9.7160, 22.1640**.

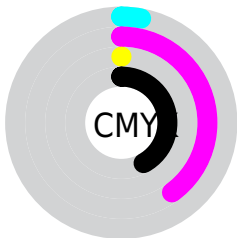
Distribution



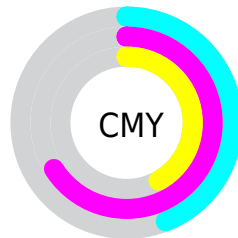
- Red (56%)
- Green (35%)
- Blue (58%)



- Red (56%)
- Yellow (35%)
- Blue (58%)



- Cyan (3%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8720, 13.2450, 29.7970 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 110.8720, 13.2450, 29.7970 by changing the saturation by 10% instead.

■ 110.8720, 13.2450,
29.7970

■ 110.8720, 13.2450,
29.7970

■ 255.0000, -0.0000,
-0.0000

■ 86.0460, 12.6950,
28.7510

■ 163.4100, 14.6660,
31.5780

■ 61.3340, 11.8240,
28.0160

■ 190.8230, 14.9410,
32.1010

■ 37.3340, 11.8240,
28.0160

■ 218.3070, 16.4540,
32.2140

■ 18.1440, 9.3030,
24.1430

■ 235.0420, 9.3500,
17.7820

■ 7.3780, -0.6440,
11.6760

■ 252.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

■ 110.8720, 13.2450,
29.7970

■ 110.8720, 13.2450,
29.7970

■ 101.7680, 16.7740,
37.4300

■ 119.9760, 9.7160,
22.1640

■ 93.2510, 20.0280,
44.5400

■ 128.7920, 7.0580,
15.2660

■ 83.8480, 22.9610,
51.9610

■ 137.8960, 3.5290,
7.6330

■ 74.7440, 26.4900,
59.5940

■ 147.0000, -0.0000,
0.0000

■ 65.6400, 30.0190,
67.2270

■ 155.5170, -3.2540,
-7.1100


■ 57.1230, 33.2730,
74.3370

■ 164.6210, -6.7830,
-14.7430

■ 174.0240, -9.7160,
-22.1640

■ 183.1280,

-13.2450, -29.7970

 191.6450,
-16.4990, -36.9070

Harmonies

Analogous

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



107.7410, -23.2950, 20.2010



110.8720, 13.2450, 29.7970



108.9320, 39.3790, 29.7390

Triad

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



110.8720, 13.2450, 29.7970



104.2610, 38.1490, -14.0670



88.0640, -77.1140, -23.1780

Complementary

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



110.8720, 13.2450, 29.7970



124.1280, -13.2450, -29.7970

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.



84.0740, -65.8790, -34.0630



110.8720, 13.2450, 29.7970



101.7200, 14.4470, -25.0490

Square

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



110.8720, 13.2450, 29.7970



106.2170, 50.6170, 2.2730



95.7190, -19.3430, -29.4150



89.3810, -84.9560, -13.2120

Rectangle

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



110.8720, 13.2450, 29.7970



107.8050, 49.7420, 23.6460



95.7190, -19.3430, -29.4150



86.8100, -73.5830, -26.5990

Sweetspot

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



110.8720, 13.2450, 29.7970



176.9010, 5.1330, 11.6050



98.2480, -20.5890, 15.2110



88.4830, 3.2540, 7.1100



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



110.8720, 13.2450, 29.7970



134.9030, 21.1280, 46.6320



109.6310, 23.9290, 23.3930



69.5920, 1.3290, 3.4490



53.4060, 30.7980, 69.6300



3.8310, 2.1540, 5.0180

Inverse Universe

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



106.2110, 33.5590, 14.0630



127.4200, 52.2640, 21.9920



125.3690, -23.9290, -23.3930



69.0930, 4.1720, 1.4840



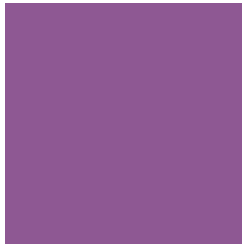
42.6300, 78.3960, 32.9880



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 110.8720, 13.2450, 29.7970 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 110.8720, 13.2450, 29.7970 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 110.8720, 13.2450, 29.7970

Background



This preview shows how black text looks on a background with the YIQ color 110.8720, 13.2450, 29.7970.



This preview shows how white text looks on a background with the YIQ color 110.8720, 13.2450,

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

110.8720, 13.2450, 29.7970

Protanopia

107.1870, -27.7870, 13.5010

Deuteranopia

108.2390, -16.3700, 10.3340



Tritanopia

109.5730, 20.6760, 10.7560

Trichromacy



Original Color

110.8720, 13.2450, 29.7970

Protanomaly

108.1890, -12.9330, 19.6350

Deuteranomaly

109.0280, -5.2300, 17.6980

Tritanomaly

110.1200, 17.8780, 17.4140

Monochromacy



Original Color

110.8720, 13.2450, 29.7970

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0750, 4.5830, 10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8720, 13.2450, 29.7970 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(142, 88, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 88, 147)  
}
```

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(142, 88, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 88, 147) }
```

Border

The CSS property to change the border of an element to YIQ 110.8720, 13.2450, 29.7970 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(142, 88, 147) }
```


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

```
.border{ border-color:rgb(142, 88, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 88, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 88, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 88, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 88,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8720, 13.2450, 29.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 88, 147) }
```

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

```
.background{ background-color: rgb(142, 88,  
147) }
```

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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