

Converting Colors

YIQ(113.7990, -2.8470, 24.0730)

Have a look what the booklet for
YIQ(113.7990, -2.8470, 24.0730)
contains.

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Color

**YIQ(113.7990, -2.8470,
24.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	7E639E
RGB	126, 99, 158
RGB Percent	49%, 39%, 62%
CMY	0.5058, 0.6118, 0.3804
CMYK	0.20, 0.37, 0.00, 0.38
HSL	267°, 23%, 50%
HSV	267°, 37%, 62%
XYZ	19.2391, 15.8273, 34.3821
YIQ	113.7990, -2.8470, 24.0730

Conversions

Conversions Part 2

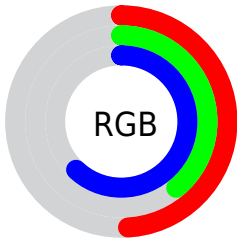
Format	Color
R _Y B	126, 99, 158
Decimal	8283038
CIE Lab	46.75, 23.11, -28.01
CIE LCh	47, 36.314, 309.530
Yxy	15.8273, 0.2770, 0.2279
Android (android.graphics.Color)	4286473118 (0xFF7E639E)
YUV	113.7990, 21.7911, 10.7003
Hunter-Lab	39.7835, 16.7005, -23.3919

Details

The YIQ color **113.7990, -2.8470, 24.0730** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.2010, 2.8470, -24.0730**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1520, -2.3430, 25.9530**, and **65.3320, -3.0300, 21.8820** is the 20% darker color. If you saturate the color by 10%, you get **101.7160, -3.8110, 30.5330**, and if you desaturate by 10%, it is **125.8820, -1.8830, 17.6130**.

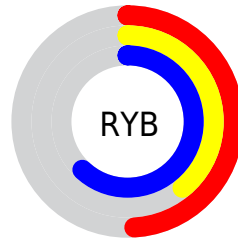
Distribution



Red (49%)

Green (39%)

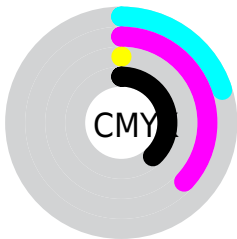
Blue (62%)



Red (49%)

Yellow (39%)

Blue (62%)

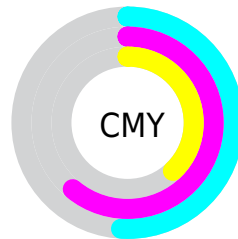


Cyan (20%)

Magenta (37%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (61%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7990, -2.8470, 24.0730 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 113.7990, -2.8470, 24.0730 by changing the saturation by 10% instead.

■ 113.7990, -2.8470,
24.0730

■ 113.7990, -2.8470,
24.0730

■ 255.0000, -0.0000,
-0.0000

■ 88.9730, -3.3970,
23.0270

■ 166.1520, -2.3430,
25.9530

■ 65.3320, -3.0300,
21.8820

■ 193.5650, -2.0680,
26.4760

■ 42.5060, -3.5800,
20.8360

■ 219.3820, 2.7010,
22.6450

■ 20.2670, -4.4050,
19.2670

■ 242.0860, 6.0500,
11.5060

■ 4.2180, -11.8770,
11.5070

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 113.7990, -2.8470,
24.0730

■ 113.7990, -2.8470,
24.0730

■ 101.7160, -3.8110,
30.5330

■ 125.8820, -1.8830,
17.6130

■ 89.9320, -4.1790,
37.2050

■ 137.6660, -1.5150,
10.9410

■ 78.4360, -5.4180,
43.1420

■ 149.1620, -0.2760,
5.0040

■ 66.6520, -5.7860,
49.8140

■ 160.9460, 0.0920,
-1.6680

■ 54.5690, -6.7500,
56.2740

■ 173.0290, 1.0560,
-8.1280

■ 42.7850, -7.1180,
62.9460

■ 184.8130, 1.4240,
-14.8000

■ 39.5400, -7.8060,
64.4020

■ 196.8960, 2.3880,
-21.2600

■ 208.0930, 3.0310,
-27.4090

■ 220.1760, 3.9950,
-33.8690

Harmonies

Analogous

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



107.6740, -39.5240, 11.4520



113.7990, -2.8470, 24.0730



114.0490, 25.8080, 27.8880

Triad

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



113.7990, -2.8470, 24.0730



109.5700, 41.9530, -5.9110



87.6420, -73.1700, -28.5780

Complementary

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



113.7990, -2.8470, 24.0730



143.2010, 2.8470, -24.0730

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.



95.9650, -37.5910, -29.1030



113.7990, -2.8470, 24.0730



107.0960, 25.3120, -18.2080

Square

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



113.7990, -2.8470, 24.0730



110.7750, 49.2860, 9.8780



103.5210, -1.0500, -25.0340



90.3610, -82.2040, -19.0360

Rectangle

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



113.7990, -2.8470, 24.0730



112.4110, 39.2880, 25.8800



103.5210, -1.0500, -25.0340



86.3880, -69.6390, -31.9990

Sweetspot

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



113.7990, -2.8470, 24.0730



189.6120, -1.4230, 9.2730



124.5100, -27.7390, 1.6130



94.3900, -0.9180, 5.6260



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.



113.7990, -2.8470, 24.0730



137.1600, -4.8210, 37.8270



122.4700, 14.4370, 30.2210



73.1080, -0.1840, 3.3360



35.7370, -7.1630, 58.2530



3.8030, -0.6430, 6.1490

Inverse Universe

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



120.2890, 24.8920, 22.4600



147.5070, 39.3780, 35.2660



134.5300, -14.4370, -30.2210



73.8480, 3.4840, 2.9400



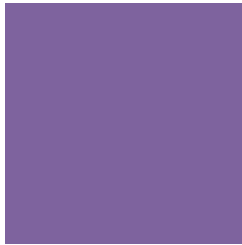
51.5350, 60.5110, 54.2630



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 113.7990, -2.8470, 24.0730 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 113.7990, -2.8470, 24.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

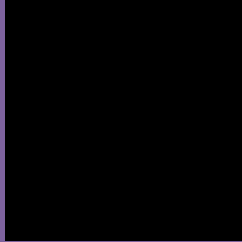
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.7990, -2.8470, 24.0730

Background



This preview shows how black text looks on a background with the YIQ color 113.7990, -2.8470, 24.0730.



This preview shows how white text looks on a background with the YIQ color 113.7990, -2.8470,

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

113.7990, -2.8470, 24.0730

Protanopia

110.1160, -29.0250, 13.9110

Deuteranopia

110.7590, -23.7060, 11.1260



Tritanopia

112.2010, 3.9880, 4.8200

Trichromacy



Original Color

113.7990, -2.8470, 24.0730

Protanomaly

111.3130, -19.2140, 17.8260

Deuteranomaly

111.8140, -16.3710, 15.8610

Tritanomaly

113.0470, 1.7860, 11.6900

Monochromacy



Original Color

113.7990, -2.8470, 24.0730

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0850, -1.3770, 8.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7990, -2.8470, 24.0730 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(126, 99, 158)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 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(126, 99, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 158) }
```

Border

The CSS property to change the border of an element to YIQ 113.7990, -2.8470, 24.0730 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(126, 99, 158) }
```


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

```
.border{ border-color:rgb(126, 99, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 99, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 158);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7990, -2.8470, 24.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 99, 158) }
```

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

```
.background{ background-color: rgb(126, 99,  
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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