

Converting Colors

YIQ(113.8310, -24.2090, 3.7190)

Have a look what the booklet for
YIQ(113.8310, -24.2090, 3.7190)
contains.

YIQ(113.8310, -24.2090, 3.7190)	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(113.8310, -24.2090,
3.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7693
RGB	93, 118, 147
RGB Percent	36%, 46%, 58%
CMY	0.6353, 0.5372, 0.4236
CMYK	0.37, 0.20, 0.00, 0.42
HSL	212°, 22%, 47%
HSV	212°, 37%, 58%
XYZ	16.2569, 17.3916, 30.0914
YIQ	113.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

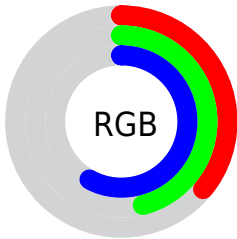
Format	Color
R _Y B	93, 110, 147
Decimal	6125203
CIE Lab	48.75, -1.55, -18.64
CIE LCh	49, 18.701, 265.256
Yxy	17.3916, 0.2551, 0.2729
Android (android.graphics.Color)	4284315283 (0xFF5D7693)
YUV	113.8310, 16.3523, -18.2688
Hunter-Lab	41.7032, -3.3972, -13.5891

Details

The YIQ color **113.8310, -24.2090, 3.7190** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.1690, 24.2090, -3.7190**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0590, -24.8510, 4.3410**, and **65.1900, -23.8420, 2.5740** is the 20% darker color. If you saturate the color by 10%, you get **104.6500, -30.9490, 4.7230**, and if you desaturate by 10%, it is **123.0120, -17.4690, 2.7150**.

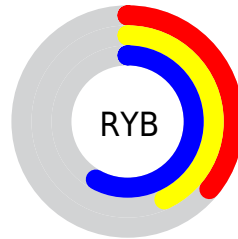
Distribution



Red (36%)

Green (46%)

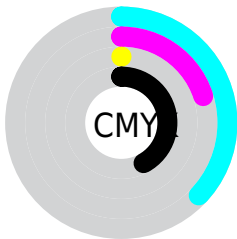
Blue (58%)



Red (36%)

Yellow (43%)

Blue (58%)

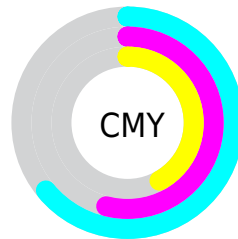


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.8310, -24.2090, 3.7190 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 113.8310, -24.2090, 3.7190 by changing the saturation by 10% instead.

■ 113.8310,
-24.2090, 3.7190

■ 113.8310,
-24.2090, 3.7190

■ 255.0000, -0.0000,
-0.0000

■ 88.7170, -23.8880,
3.4080

■ 166.0590,
-24.8510, 4.3410

■ 65.1900, -23.8420,
2.5740

■ 193.1730,
-25.1720, 4.6520

■ 41.7660, -25.5840,
1.1040

■ 220.9450,
-24.5300, 4.0300

■ 21.5490, -23.4750,
1.4290

■ 246.3400,
-15.8170, -5.2010

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 113.8310,
-24.2090, 3.7190

■ 113.8310,
-24.2090, 3.7190

■ 104.6500,
-30.9490, 4.7230

■ 123.0120,
-17.4690, 2.7150

■ 95.7680, -37.0930,
5.9390

■ 131.8940,
-11.3250, 1.4990

■ 86.5870, -43.8330,
6.9430

■ 141.0750, -4.5850,
0.4950

■ 77.4060, -50.5730,
7.9470

■ 150.2560, 2.1550,
-0.5090

■ 69.1110, -56.9920,
8.6400

■ 158.5510, 8.5740,
-1.2020

■ 59.9300, -63.7320,
9.6440

■ 167.7320, 15.3140,
-2.2060

■ 56.6740, -65.8870,
10.1530

■ 176.9130, 22.0540,
-3.2100

■ 186.0940, 28.7940,

-4.2140

■ 194.9760, 34.9380,
-5.4300

Harmonies

Analogous

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



110.1130, -34.1110, -4.0550



113.8310, -24.2090, 3.7190



117.1320, -8.7590, 10.0650

Triad

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



113.8310, -24.2090, 3.7190



117.6290, 26.2700, 8.4940



111.6640, -8.3420, -14.0220

Complementary

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



113.8310, -24.2090, 3.7190



126.1690, 24.2090, -3.7190

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.



113.5580, 6.6960, -11.2240



113.8310, -24.2090, 3.7190



116.7010, 25.7670, 1.0870

Square

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



113.8310, -24.2090, 3.7190



118.5560, 19.3460, 12.8340



115.3640, 19.1660, -5.9380



109.8780, -23.5640, -13.4840

Rectangle

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



113.8310, -24.2090, 3.7190



117.9870, 2.0150, 13.0470



115.3640, 19.1660, -5.9380



112.4150, -3.2070, -13.4710

Sweetspot

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



113.8310, -24.2090, 3.7190



178.2640, -9.4910, 1.3010



128.0040, -24.1590, -19.2230



89.0040, -5.8230, 0.9050



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.



113.8310, -24.2090, 3.7190



139.4690, -37.6890, 5.7270



99.7540, -16.1420, 17.2180



69.5590, -3.0720, 0.6080



53.3000, -61.8980, 9.4460



4.0750, -4.5850, 0.4950

Inverse Universe

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



111.9960, 24.1590, 19.2230



136.5620, 37.5450, 29.9370



140.2460, 16.1420, -17.2180



69.4350, 3.2090, 2.4170



48.5580, 61.7040, 49.1600



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 113.8310, -24.2090, 3.7190 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 113.8310, -24.2090, 3.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

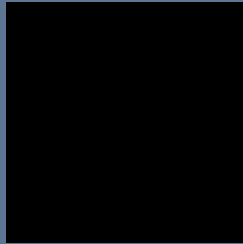
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

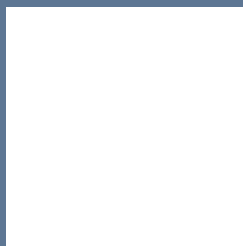
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.8310, -24.2090, 3.7190

Background



This preview shows how black text looks on a background with the YIQ color 113.8310, -24.2090, 3.7190.

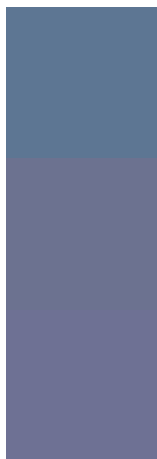


This preview shows how white text looks on a background with the YIQ color 113.8310, -24.2090,

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

113.8310, -24.2090, 3.7190

Protanopia

115.6260, -13.2060, 8.0580

Deuteranopia

116.0930, -13.0230, 10.2490



Tritanopia

112.5720, -22.2820, -3.6740

Trichromacy



Original Color

113.8310, -24.2090, 3.7190

Protanomaly

114.8320, -16.7820, 6.7860

Deuteranomaly

115.4730, -17.1490, 7.9310

Tritanomaly

112.9680, -23.3370, -1.0730

Monochromacy



Original Color

113.8310, -24.2090, 3.7190

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.5630, -8.8950, 1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.8310, -24.2090, 3.7190 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(93, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(93, 118, 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(93, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 118, 147) }
```

Border

The CSS property to change the border of an element to YIQ 113.8310, -24.2090, 3.7190 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(93, 118, 147) }
```


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

```
.border{ border-color:rgb(93, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(93, 118,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 113.8310, -24.2090, 3.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 118, 147) }
```

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

```
.background{ background-color: rgb(93, 118,  
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](#).

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