

# Converting Colors

YIQ(144.9970, 57.9490, 23.5890)

Have a look what the booklet for  
YIQ(144.9970, 57.9490, 23.5890)  
contains.

<b>YIQ(144.9970, 57.9490, 23.5890)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(144.9970, 57.9490,  
23.5890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D77279
RGB	215, 114, 121
RGB Percent	84%, 45%, 47%
CMY	0.1566, 0.5531, 0.5253
CMYK	0.00, 0.47, 0.44, 0.16
HSL	356°, 56%, 65%
HSV	356°, 47%, 84%
XYZ	37.5099, 27.8635, 21.5088
YIQ	144.9970, 57.9490, 23.5890

# Conversions

## Conversions Part 2

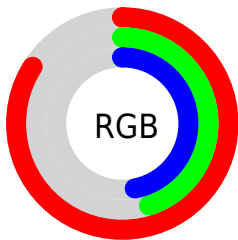
Format	Color
R <sub>Y</sub> B	215, 114, 121
Decimal	14119545
CIE Lab	59.77, 40.18, 14.15
CIE LCh	60, 42.597, 19.402
Yxy	27.8635, 0.4317, 0.3207
Android (android.graphics.Color)	4292309625 (0xFFD77279)
YUV	144.9970, -11.8305, 61.3926
Hunter-Lab	52.7858, 34.4678, 12.7911

# Details

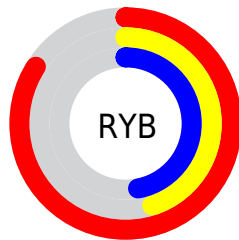
The YIQ color **144.9970, 57.9490, 23.5890** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **184.0030, -57.9490, -23.5890**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.5830, 50.2470, 19.9990**, and **91.6590, 53.0890, 23.5610** is the 20% darker color. If you saturate the color by 10%, you get **129.8030, 70.4190, 28.8750**, and if you desaturate by 10%, it is **159.6040, 45.7540, 18.8260**.

# Distribution



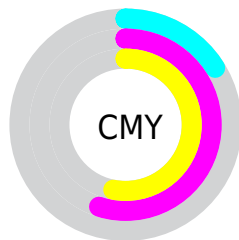
- Red (84%)
- Green (45%)
- Blue (47%)



- Red (84%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (44%)
- Black (16%)




- Cyan (16%)
- Magenta (55%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.9970, 57.9490, 23.5890 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 144.9970, 57.9490, 23.5890 by changing the saturation by 10% instead.





 144.9970, 57.9490,  
23.5890


 144.9970, 57.9490,  
23.5890


255.0000, -0.0000,  
-0.0000


 118.2140, 55.8400,  
23.2640


 194.5830, 50.2470,  
19.9990

 91.6590, 53.0890,  
23.5610


 214.2110, 33.5590,  
14.0630


 65.6910, 50.0630,  
23.3350

 233.8390, 16.8710,  
8.1270

 36.1410, 48.9160,  
27.6040

253.8260, 0.5500,  
1.0460

 22.2830, 42.2240,  
16.7200

 14.8790, 28.5620,  
11.0100

 0.0000, 0.0000,

0.0000

■ 144.9970, 57.9490,  
23.5890

■ 144.9970, 57.9490,  
23.5890

■ 129.8030, 70.4190,  
28.8750

■ 159.6040, 45.7540,  
18.8260

■ 115.1960, 82.6140,  
33.6380

■ 174.7980, 33.2840,  
13.5400

■ 100.0020, 95.0840,  
38.9240

■ 189.4050, 21.0890,  
8.7770

■ 85.3950, 107.2790,  
43.6870

■ 204.5990, 8.6190,  
3.4910

■ 70.2010, 119.7490,  
48.9730

■ 219.2060, -3.5760,  
-1.2720

■ 65.9950, 123.3250,  
50.2450

■ 234.4000,  
-16.0460, -6.5580

■ 243.0400,  
-23.8400, -8.4800

# Harmonies

## Analogous

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



146.9370, 40.9830, 33.7110



144.9970, 57.9490, 23.5890



143.8160, 59.2360, 5.7640

# Triad

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



144.9970, 57.9490, 23.5890



133.0630, -14.6200, -32.4120



125.9220, -87.6170, -3.5290

# Complementary

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



144.9970, 57.9490, 23.5890



184.0030, -57.9490, -23.5890

# 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.



116.7200, -108.2000, -21.4800



144.9970, 57.9490, 23.5890



119.3680, -66.8870, -37.8230

# Square

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



144.9970, 57.9490, 23.5890



138.3140, 21.4620, -25.5300



114.8330, -98.7530, -33.0010



143.7770, -32.1440, 20.8800



# Rectangle

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



144.9970, 57.9490, 23.5890



142.7190, 51.7190, -6.6890



114.8330, -98.7530, -33.0010



115.3810, -111.3190, -14.5110

# Sweetspot

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



144.9970, 57.9490, 23.5890



230.1060, 20.4930, 8.5650



153.3210, 23.0070, 51.1270



112.6920, 12.7910, 4.9750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



144.9970, 57.9490, 23.5890



155.8970, 82.0180, 33.4260



168.8530, 48.6460, -0.5540



99.4030, 6.2350, 2.6430



52.4970, 98.0640, 39.9840



13.1990, 24.6650, 10.0490



# Inverse Universe

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



144.9970, 57.9490, 23.5890



155.8970, 82.0180, 33.4260



160.1470, -48.6460, 0.5540



99.4030, 6.2350, 2.6430



52.4970, 98.0640, 39.9840



13.1990, 24.6650, 10.0490



# Previews

## White Background



This preview shows how the YIQ color 144.9970, 57.9490, 23.5890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

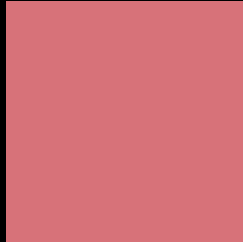
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 144.9970, 57.9490, 23.5890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

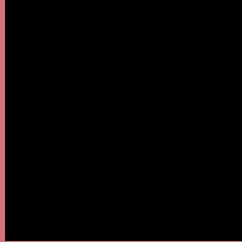
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 144.9970, 57.9490, 23.5890

## Background



This preview shows how black text looks on a background with the YIQ color 144.9970, 57.9490, 23.5890.



This preview shows how white text looks on a background with the YIQ color 144.9970, 57.9490,



# 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

144.9970, 57.9490, 23.5890

### Protanopia

144.5830, 5.5480, -1.4280

### Deuteranopia

145.1630, 24.3460, -0.6940



## Tritanopia

145.1110, 57.6280, 23.9000

# Trichromacy



## Original Color

144.9970, 57.9490, 23.5890

## Protanomaly

144.7320, 24.4820, 7.8580

## Deuteranomaly

145.0770, 36.6320, 7.9280

## Tritanomaly

145.1110, 57.6280, 23.9000

# Monochromacy



## Original Color

144.9970, 57.9490, 23.5890

## Achromatopsia

145.0000, 0.0000, -0.0000

## Achromatomaly

144.9920, 20.8140, 8.2540

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.9970, 57.9490, 23.5890 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(215, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(215, 114, 121)  
}
```

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(215, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 114, 121) }
```

## Border

The CSS property to change the border of an element to YIQ 144.9970, 57.9490, 23.5890 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(215, 114, 121) }
```



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

```
.border{ border-color:rgb(215, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(215, 114,  
121) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.9970, 57.9490, 23.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 114, 121) }
```

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

```
.background{ background-color: rgb(215,  
114, 121) }
```

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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