

# Converting Colors

YIQ(142.6520, 45.7990, 23.5190)

Have a look what the booklet for  
YIQ(142.6520, 45.7990, 23.5190)  
contains.

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# Color

**YIQ(142.6520, 45.7990,  
23.5190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C97384
RGB	201, 115, 132
RGB Percent	79%, 45%, 52%
CMY	0.2115, 0.5491, 0.4822
CMYK	0.00, 0.43, 0.34, 0.21
HSL	348°, 44%, 62%
HSV	348°, 43%, 79%
XYZ	34.3966, 26.3455, 25.1175
YIQ	142.6520, 45.7990, 23.5190

# Conversions

## Conversions Part 2

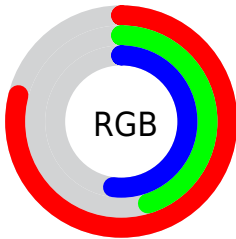
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 115, 132
Decimal	13202308
CIE <sub>Lab</sub>	58.36, 35.78, 5.55
CIE <sub>LCh</sub>	58, 36.207, 8.823
Yxy	26.3455, 0.4006, 0.3068
Android (android.graphics.Color)	4291392388 (0xFFC97384)
YUV	142.6520, -5.2514, 51.1712
Hunter-Lab	51.3278, 29.7953, 6.9157

# Details

The YIQ color **142.6520, 45.7990, 23.5190** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **173.3480, -45.7990, -23.5190**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9510, 46.3950, 23.7310**, and **90.0860, 41.5810, 22.8690** is the 20% darker color. If you saturate the color by 10%, you get **129.0880, 56.4350, 29.0030**, and if you desaturate by 10%, it is **156.2160, 35.1630, 18.0350**.

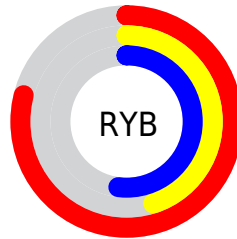
# Distribution



Red (79%)

Green (45%)

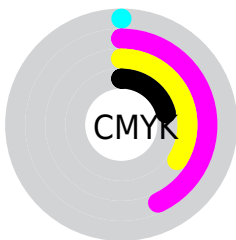
Blue (52%)



Red (79%)

Yellow (45%)

Blue (52%)

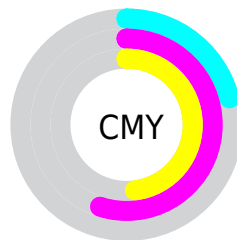


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (21%)



Cyan (21%)

Magenta (55%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6520, 45.7990, 23.5190 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 142.6520, 45.7990, 23.5190 by changing the saturation by 10% instead.





 142.6520, 45.7990,  
23.5190


 142.6520, 45.7990,  
23.5190


255.0000, -0.0000,  
-0.0000


 115.8690, 43.6900,  
23.1940


 195.9510, 46.3950,  
23.7310

 90.0860, 41.5810,  
22.8690


 215.5790, 29.7070,  
17.7950


 65.3030, 39.4720,  
22.5440

 235.2070, 13.0190,  
11.8590

 38.2860, 38.1420,  
24.6220

253.8260, 0.5500,  
1.0460

 21.1880, 32.3660,  
19.1660

 12.6720, 24.7110,  
9.2150

 0.0000, 0.0000,

0.0000

■ 142.6520, 45.7990,  
23.5190

■ 142.6520, 45.7990,  
23.5190

■ 129.0880, 56.4350,  
29.0030

■ 156.2160, 35.1630,  
18.0350

■ 115.5240, 67.0710,  
34.4870

■ 169.7800, 24.5270,  
12.5510

■ 101.9600, 77.7070,  
39.9710

■ 183.3440, 13.8910,  
7.0670

■ 88.3960, 88.3430,  
45.4550

■ 197.0220, 2.9340,  
1.8940

■ 74.1310, 99.5750,  
51.1510

■ 210.5860, -7.7020,  
-3.5900

■ 64.6590, 106.9560,  
55.0520

■ 224.7370,  
-18.6130, -9.5970

■ 237.7140,  
-28.9740, -14.5580

■ 238.8540,  
-32.1840, -11.4480

# Harmonies

## Analogous

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



143.8750, 26.3580, 28.9340



142.6520, 45.7990, 23.5190



140.9710, 51.6700, 10.7260

# Triad

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



142.6520, 45.7990, 23.5190



133.2930, -0.4080, -25.6560



123.2940, -80.0970, -7.6570

# Complementary

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



142.6520, 45.7990, 23.5190



173.3480, -45.7990, -23.5190

# 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.



111.3910, -100.0840, -25.3960



142.6520, 45.7990, 23.5190



126.9330, -34.5650, -28.8770

# Square

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



142.6520, 45.7990, 23.5190



137.1670, 26.5500, -18.6180



110.6400, -88.0240, -34.7120



137.6140, -39.2950, 12.8090



# Rectangle

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



142.6520, 45.7990, 23.5190



140.3800, 48.6000, 0.2800



110.6400, -88.0240, -34.7120



111.3400, -104.0740, -19.1620

# Sweetspot

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



142.6520, 45.7990, 23.5190



232.5510, 17.7420, 8.8620



145.4350, 13.5180, 41.3740



113.7350, 11.2320, 5.6960



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.



142.6520, 45.7990, 23.5190



166.8340, 69.1340, 35.6460



155.9760, 44.1060, 4.6340



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090



# Inverse Universe

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



142.6520, 45.7990, 23.5190



166.8340, 69.1340, 35.6460



160.0240, -44.1060, -4.6340



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090



# Previews

## White Background



This preview shows how the YIQ color 142.6520, 45.7990, 23.5190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

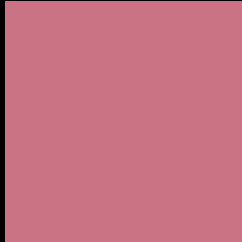
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 142.6520, 45.7990, 23.5190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

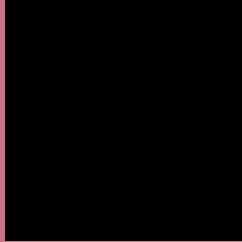
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 142.6520, 45.7990, 23.5190

## Background



This preview shows how black text looks on a background with the YIQ color 142.6520, 45.7990, 23.5190.



This preview shows how white text looks on a background with the YIQ color 142.6520, 45.7990,



# 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

142.6520, 45.7990, 23.5190

### Protanopia

141.2820, -0.7340, 2.2900

### Deuteranopia

141.9650, 16.2760, 2.3880



## Tritanopia

142.1420, 47.1750, 20.6070

# Trichromacy



## Original Color

142.6520, 45.7990, 23.5190

## Protanomaly

141.7080, 15.8620, 9.8940

## Deuteranomaly

141.8680, 27.0950, 10.0630

## Tritanomaly

142.4840, 46.2120, 21.5400

# Monochromacy



## Original Color

142.6520, 45.7990, 23.5190

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

142.9530, 16.5500, 8.4380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.6520, 45.7990, 23.5190 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(201, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(201, 115, 132)  
}
```

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(201, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 115, 132) }
```

## Border

The CSS property to change the border of an element to YIQ 142.6520, 45.7990, 23.5190 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(201, 115, 132) }
```



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

```
.border{ border-color:rgb(201, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(201, 115,  
132) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.6520, 45.7990, 23.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 115, 132) }
```

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

```
.background{ background-color: rgb(201,  
115, 132) }
```

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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