

# Converting Colors

YIQ(114.6060, 53.7220, 72.6820)

Have a look what the booklet for  
YIQ(114.6060, 53.7220, 72.6820)  
contains.

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# Color

**YIQ(114.6060, 53.7220,  
72.6820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D335B3
RGB	211, 53, 179
RGB Percent	83%, 21%, 70%
CMY	0.1721, 0.7924, 0.2979
CMYK	0.00, 0.75, 0.15, 0.17
HSL	312°, 64%, 52%
HSV	312°, 75%, 83%
XYZ	36.3069, 19.6621, 44.5450
YIQ	114.6060, 53.7220, 72.6820

# Conversions

## Conversions Part 2

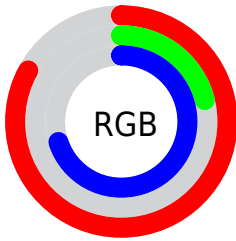
Format	Color
R <sub>Y</sub> B	211, 53, 179
Decimal	13841843
CIE Lab	51.45, 72.04, -32.17
CIE LCh	51, 78.901, 335.935
Yxy	19.6621, 0.3612, 0.1956
Android (android.graphics.Color)	4292031923 (0xFFD335B3)
YUV	114.6060, 31.7462, 84.5375
Hunter-Lab	44.3419, 68.5565, -28.5222

# Details

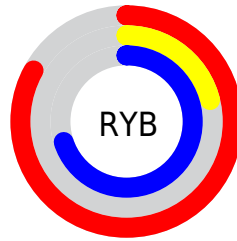
The YIQ color **114.6060, 53.7220, 72.6820** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **149.3940, -53.7220, -72.6820**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5400, 44.9200, 67.0000**, and **59.8120, 50.1460, 71.4100** is the 20% darker color. If you saturate the color by 10%, you get **101.8230, 60.7810, 82.4210**, and if you desaturate by 10%, it is **127.3890, 46.6630, 62.9430**.

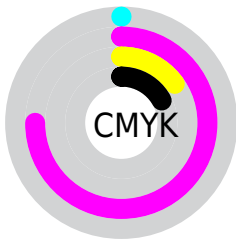
# Distribution



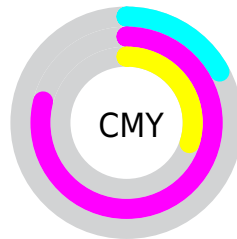
- Red (83%)
- Green (21%)
- Blue (70%)



- Red (83%)
- Yellow (21%)
- Blue (70%)



- Cyan (0%)
- Magenta (75%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (79%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6060, 53.7220, 72.6820 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 114.6060, 53.7220, 72.6820 by changing the saturation by 10% instead.



114.6060, 53.7220,  
72.6820

114.6060, 53.7220,  
72.6820

255.0000, -0.0000,  
-0.0000

71.4470, 59.0840,  
85.6440

170.5400, 44.9200,  
67.0000

59.8120, 50.1460,  
71.4100

189.8430, 30.5250,  
58.0530

48.5900, 41.4830,  
57.6990

206.8660, 22.5500,  
42.8860

37.0690, 32.2240,  
43.7760

224.4760, 14.3000,  
27.1960

26.6730, 24.1110,  
31.1110

241.4990, 6.3250,  
12.0290

15.4940, 13.8890,  
18.1210

0.0000, 0.0000,

0.0000

■ 114.6060, 53.7220,  
72.6820

■ 114.6060, 53.7220,  
72.6820

■ 101.8230, 60.7810,  
82.4210

■ 127.3890, 46.6630,  
62.9430

■ 88.9260, 68.1610,  
91.8490

■ 140.2860, 39.2830,  
53.5150

■ 82.2410, 71.8280,  
96.9800

■ 153.0690, 32.2240,  
43.7760

■ 165.8520, 25.1650,  
34.0370

■ 179.2220, 17.8310,  
23.7750

■ 192.1190, 10.4510,  
14.3470

■ 204.9020, 3.3920,  
4.6080

■ 217.6850, -3.6670,  
-5.1310

■ 230.5820,  
-11.0470, -14.5590

# Harmonies

## Analogous

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



124.1650, -20.4120, 50.5640



114.6060, 53.7220, 72.6820



93.3220, 101.4960, 76.9200

# Triad

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



114.6060, 53.7220, 72.6820



113.7510, 47.5520, -35.8080



110.9640, -105.7710, -15.9390

# Complementary

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



114.6060, 53.7220, 72.6820



149.3940, -53.7220, -72.6820

# 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.



104.0270, -84.8600, -36.9880



114.6060, 53.7220, 72.6820



100.7180, -1.5480, -60.0760

# Square

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



114.6060, 53.7220, 72.6820



114.6350, 86.8860, -10.7620



94.0580, -60.9230, -57.8110



112.6860, -118.8870, 1.5050



# Rectangle

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



114.6060, 53.7220, 72.6820



102.3720, 106.0860, 48.7900



94.0580, -60.9230, -57.8110



109.1570, -99.3050, -22.9930

# Sweetspot

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



114.6060, 53.7220, 72.6820



220.8740, 18.9310, 25.8670



80.5800, -31.6460, 55.9220



107.2440, 11.5970, 15.6050



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.



114.6060, 53.7220, 72.6820



114.6320, 78.3370, 105.6730



105.6000, 79.0810, 48.1130



98.2010, 3.9880, 4.8200



65.5080, 57.1140, 77.2900



16.0210, 13.8430, 18.9550



# Inverse Universe

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



114.6060, 53.7220, 72.6820



114.6320, 78.3370, 105.6730



158.4000, -79.0810, -48.1130



98.2010, 3.9880, 4.8200



65.5080, 57.1140, 77.2900



16.0210, 13.8430, 18.9550



# Previews

## White Background



This preview shows how the YIQ color 114.6060, 53.7220, 72.6820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

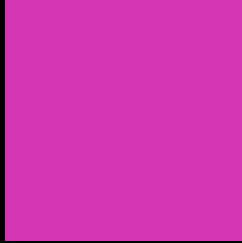
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 114.6060, 53.7220, 72.6820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

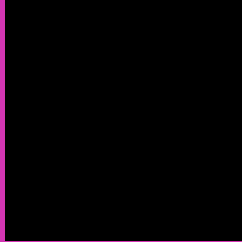
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 114.6060, 53.7220, 72.6820

## Background



This preview shows how black text looks on a background with the YIQ color 114.6060, 53.7220, 72.6820.



This preview shows how white text looks on a background with the YIQ color 114.6060, 53.7220,



# 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

114.6060, 53.7220, 72.6820

### Protanopia

114.2840, -72.9960, 23.3560

### Deuteranopia

123.4710, -22.8350, 11.8610



## Tritanopia

119.5640, 69.5940, 27.3060

# Trichromacy



## Original Color

114.6060, 53.7220, 72.6820



## Protanomaly

114.3610, -27.1960, 41.3480



## Deuteranomaly

120.3150, 4.8080, 34.0240



## Tritanomaly

117.7660, 63.8140, 43.9580

# Monochromacy



## Original Color

114.6060, 53.7220, 72.6820



## Achromatopsia

115.0000, -0.0000, 0.0000



## Achromatomaly

114.5860, 19.8020, 26.6020

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 114.6060, 53.7220, 72.6820 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(211, 53, 179)` looks like.

```
.text, #text, p{  
    color:rgb(211, 53, 179)  
}
```

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(211, 53, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 53, 179) }
```

## Border

The CSS property to change the border of an element to YIQ 114.6060, 53.7220, 72.6820 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(211, 53, 179) }
```



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

```
.border{ border-color:rgb(211, 53, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 53, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 53, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 53, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 53,  
179) }
```

# Background

The CSS property to change the background color of an element to YIQ 114.6060, 53.7220, 72.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 53, 179) }
```

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

```
.background{ background-color: rgb(211, 53,  
179) }
```

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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