

# Converting Colors

YIQ(94.6060, 64.0310, 111.6390)

Have a look what the booklet for  
YIQ(94.6060, 64.0310, 111.6390)  
contains.

<b>YIQ(94.6060, 64.0310, 111.6390)</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(94.6060, 64.0310,  
111.6390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E105D6
RGB	225, 5, 214
RGB Percent	88%, 2%, 84%
CMY	0.1170, 0.9806, 0.1607
CMYK	0.00, 0.98, 0.05, 0.12
HSL	303°, 96%, 45%
HSV	303°, 98%, 88%
XYZ	43.2972, 20.9971, 65.4049
YIQ	94.6060, 64.0310, 111.6390

# Conversions

## Conversions Part 2

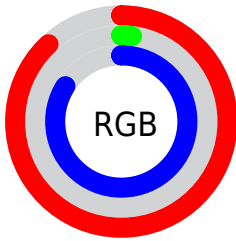
Format	Color
<a href="#">RYB</a>	<a href="#">225, 5, 214</a>
Decimal	<a href="#">14747094</a>
CIELab	<a href="#">52.95, 87.54, -49.88</a>
CIELCh	<a href="#">53, 100.750, 330.326</a>
Yxy	<a href="#">20.9971, 0.3338, 0.1619</a>
Android (android.graphics.Color)	<a href="#">4292937174 (0xFFE105D6)</a>
YUV	<a href="#">94.6060, 58.8612, 114.3555</a>
Hunter-Lab	<a href="#">45.8226, 88.4727, -52.5517</a>

# Details

The YIQ color **94.6060, 64.0310, 111.6390** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **135.3940, -64.0310, -111.6390**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 42.9000, 81.5880**, and **67.3470, 47.6220, 84.1180** is the 20% darker color. If you saturate the color by 10%, you get **91.6710, 65.4060, 114.2540**, and if you desaturate by 10%, it is **107.6340, 57.6600, 100.4440**.

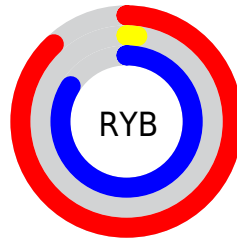
# Distribution



Red (88%)

Green (2%)

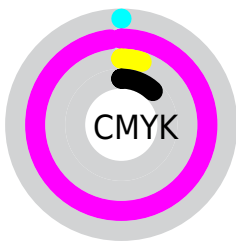
Blue (84%)



Red (88%)

Yellow (2%)

Blue (84%)

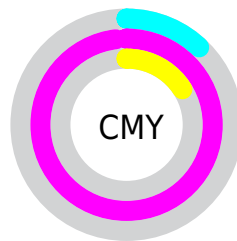


Cyan (0%)

Magenta (98%)

Yellow (5%)

Black (12%)



Cyan (12%)

Magenta (98%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.6060, 64.0310, 111.6390 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 94.6060, 64.0310, 111.6390 by changing the saturation by 10% instead.



94.6060, 64.0310,  
111.6390

94.6060, 64.0310,  
111.6390

255.0000, -0.0000,  
-0.0000

79.5090, 56.5140,  
99.1860

163.4280, 42.9000,  
81.5880

67.3470, 47.6220,  
84.1180

181.6250, 34.3750,  
65.3750

55.4130, 38.0880,  
69.6720

199.8220, 25.8500,  
49.1620

43.7780, 29.1500,  
55.4380

217.4320, 17.6000,  
33.4720

32.5560, 20.4870,  
41.7270

235.6290, 9.0750,  
17.2590

21.1490, 10.9070,  
28.1150

253.2390, 0.8250,

7.4640, -3.7620,

1.5690

13.1180

■ 0.9120, -2.5680,  
2.4880

■ 0.0000, 0.0000,  
0.0000

■ 94.6060, 64.0310,  
111.6390

■ 94.6060, 64.0310,  
111.6390

■ 91.6710, 65.4060,  
114.2540

■ 107.6340, 57.6600,  
100.4440

■ 121.2490, 51.0140,  
88.7260

■ 134.2770, 44.6430,  
77.5310

■ 148.0060, 37.6760,  
66.1240

■ 161.6210, 31.0300,  
54.4060

■ 174.6490, 24.6590,  
43.2110

■ 188.2640, 18.0130,  
31.4930

■ 201.2920, 11.6420,  
20.2980

■ 214.9070, 4.9960,  
8.5800

# Harmonies

## Analogous

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



118.5450, -50.9010, 46.9470



94.6060, 64.0310, 111.6390



91.0650, 110.2500, 94.4900

# Triad

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



94.6060, 64.0310, 111.6390



118.5350, 57.0880, -32.4160



118.2020, -112.3730, -17.4370

# Complementary

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



94.6060, 64.0310, 111.6390



135.3940, -64.0310, -111.6390

# 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.



107.5830, -83.8500, -44.2820



94.6060, 64.0310, 111.6390



102.7560, -4.7110, -63.3270

# Square

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



94.6060, 64.0310, 111.6390



114.2020, 107.6990, 3.0190



93.6070, -50.0080, -73.9120



120.6420, -124.7550, -2.2830



# Rectangle

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



94.6060, 64.0310, 111.6390



84.5670, 128.5470, 76.7630



93.6070, -50.0080, -73.9120



115.0100, -103.3850, -26.1450

# Sweetspot

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



94.6060, 64.0310, 111.6390



211.1060, 21.6340, 37.4580



33.3690, -64.0640, 70.7520



101.2430, 13.3380, 22.6020



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.



94.6060, 64.0310, 111.6390



103.8330, 74.2980, 129.3220



82.0660, 99.3410, 77.4290



105.5430, 3.0250, 5.7530



71.6620, 51.2890, 89.2490



19.5960, 13.8420, 24.4820



# Inverse Universe

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



94.6060, 64.0310, 111.6390



103.8330, 74.2980, 129.3220



147.9340, -99.3410, -77.4290



105.5430, 3.0250, 5.7530



71.6620, 51.2890, 89.2490



19.5960, 13.8420, 24.4820



# Previews

## White Background



This preview shows how the YIQ color 94.6060, 64.0310, 111.6390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

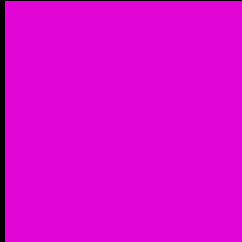
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 94.6060, 64.0310, 111.6390 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 94.6060, 64.0310, 111.6390

## Background



This preview shows how black text looks on a background with the YIQ color 94.6060, 64.0310, 111.6390.



This preview shows how white text looks on a background with the YIQ color 94.6060, 64.0310,



# 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

94.6060, 64.0310, 111.6390

### Protanopia

112.0350, -94.2240, 22.6080

### Deuteranopia

124.0630, -47.8690, 14.0110



## Tritanopia

123.2550, 74.9580, 29.2140

# Trichromacy



## Original Color

94.6060, 64.0310, 111.6390



## Protanomaly

105.7150, -36.4600, 55.0600



## Deuteranomaly

113.1680, -7.2990, 49.7010



## Tritanomaly

112.5580, 70.8720, 59.2240

# Monochromacy



## Original Color

94.6060, 64.0310, 111.6390



## Achromatopsia

95.0000, -0.0000, -0.0000



## Achromatomaly

94.5840, 23.2840, 40.5960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.6060, 64.0310, 111.6390 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(225, 5, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 5, 214)  
}
```

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(225, 5, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 5, 214) }
```

## Border

The CSS property to change the border of an element to YIQ 94.6060, 64.0310, 111.6390 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(225, 5, 214) }
```



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

```
.border{ border-color:rgb(225, 5, 214) }
```

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

Here you see how a box with a 4 pixel rgb(225, 5, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 5, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 5, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 5,  
214) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.6060, 64.0310, 111.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 5, 214) }
```

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

```
.background{ background-color: rgb(225, 5,  
214) }
```

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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