

# Converting Colors

YIQ(91.1360, 93.1520, 73.9520)

Have a look what the booklet for  
YIQ(91.1360, 93.1520, 73.9520)  
contains.

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# Color

**YIQ(91.1360, 93.1520,  
73.9520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E21272
RGB	226, 18, 114
RGB Percent	89%, 7%, 45%
CMY	0.1132, 0.9296, 0.5526
CMYK	0.00, 0.92, 0.50, 0.11
HSL	332°, 85%, 48%
HSV	332°, 92%, 89%
XYZ	34.6649, 17.8380, 17.5581
YIQ	91.1360, 93.1520, 73.9520

# Conversions

## Conversions Part 2

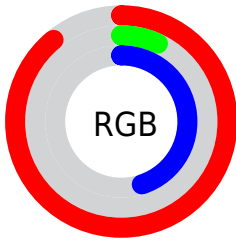
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 18, 114
Decimal	14815858
CIE <sub>Lab</sub>	49.30, 75.77, 3.72
CIE <sub>LCh</sub>	49, 75.865, 2.814
Yxy	17.8380, 0.4948, 0.2546
Android (android.graphics.Color)	4293005938 (0xFFE21272)
YUV	91.1360, 11.2720, 118.2757
Hunter-Lab	42.2351, 72.5941, 4.9163

# Details

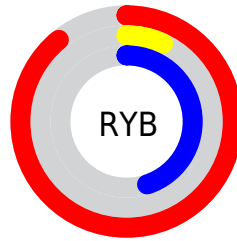
The YIQ color **91.1360, 93.1520, 73.9520** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **152.8640, -93.1520, -73.9520**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.1080, 72.0190, 54.9550**, and **56.6740, 76.2370, 55.6050** is the 20% darker color. If you saturate the color by 10%, you get **79.4300, 101.3120, 80.2560**, and if you desaturate by 10%, it is **106.0050, 82.9750, 65.6550**.

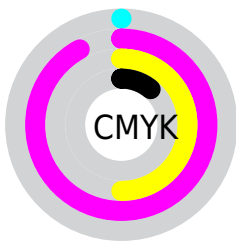
# Distribution



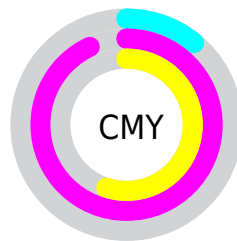
- Red (89%)
- Green (7%)
- Blue (45%)



- Red (89%)
- Yellow (7%)
- Blue (45%)



- Cyan (0%)
- Magenta (92%)
- Yellow (50%)
- Black (11%)




- Cyan (11%)
- Magenta (93%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 91.1360, 93.1520, 73.9520 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 91.1360, 93.1520, 73.9520 by changing the saturation by 10% instead.





 91.1360, 93.1520,  
73.9520


 91.1360, 93.1520,  
73.9520


255.0000, -0.0000,  
-0.0000


 68.5650, 87.3300,  
69.3300


 152.1080, 72.0190,  
54.9550

 56.6740, 76.2370,  
55.6050


 173.3830, 54.8270,  
47.1390


 44.8970, 64.8230,  
42.1910


 194.0710, 37.9100,  
39.8460

 33.6470, 53.3630,  
29.6110

 214.4000, 20.6260,  
33.6980

 22.8810, 43.4160,  
17.1440

 232.6940, 10.4500,  
19.8740

 12.6720, 24.7110,  
9.2150

 250.8910, 1.9250,

 0.0000, 0.0000,

3.6610

0.0000

■ 91.1360, 93.1520,  
73.9520

■ 91.1360, 93.1520,  
73.9520

■ 79.4300, 101.3120,  
80.2560

■ 106.0050, 82.9750,  
65.6550

■ 120.2870, 73.0730,  
57.8810

■ 135.2700, 62.5750,  
49.8950

■ 149.5520, 52.6730,  
42.1210

■ 164.4210, 42.4960,  
33.8240

■ 179.2900, 32.3190,  
25.5270

■ 193.5720, 22.4170,  
17.7530

■ 208.4410, 12.2400,  
9.4560

■ 222.8370, 2.0170,  
1.9930

# Harmonies

## Analogous

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



111.9530, 45.1950, 67.5230



91.1360, 93.1520, 73.9520



101.5310, 100.7240, 35.8280

# Triad

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



91.1360, 93.1520, 73.9520



98.7020, 4.5490, -54.9310



108.0410, -112.6970, -0.5450

# Complementary

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



91.1360, 93.1520, 73.9520



152.8640, -93.1520, -73.9520

# 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.



105.7320, -99.3060, -17.4660



91.1360, 93.1520, 73.9520



88.8090, -55.7880, -57.2600

# Square

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



91.1360, 93.1520, 73.9520



109.6420, 49.4770, -32.1470



98.4360, -78.7620, -37.3700



101.0600, -113.7080, 12.2760



# Rectangle

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



91.1360, 93.1520, 73.9520



105.5860, 97.7500, 1.6060



98.4360, -78.7620, -37.3700



107.8470, -109.3950, -5.3230

# Sweetspot

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



91.1360, 93.1520, 73.9520



208.9910, 31.7230, 25.3150



74.9010, -0.6120, 88.2200



99.4360, 19.8040, 15.5480



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.



91.1360, 93.1520, 73.9520



89.6970, 114.1020, 90.7580



84.3010, 122.0430, 40.4350



104.8590, 4.9510, 3.8870



61.8580, 78.8950, 62.5030



16.8600, 21.5460, 17.0180



# Inverse Universe

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



91.1360, 93.1520, 73.9520



89.6970, 114.1020, 90.7580



159.6990, -122.0430, -40.4350



104.8590, 4.9510, 3.8870



61.8580, 78.8950, 62.5030



16.8600, 21.5460, 17.0180



# Previews

## White Background



This preview shows how the YIQ color 91.1360, 93.1520, 73.9520 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 91.1360, 93.1520, 73.9520 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 91.1360, 93.1520, 73.9520

## Background



This preview shows how black text looks on a background with the YIQ color 91.1360, 93.1520, 73.9520.



This preview shows how white text looks on a background with the YIQ color 91.1360, 93.1520,



# 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

91.1360, 93.1520, 73.9520

### Protanopia

118.3570, -22.5140, 11.5500

### Deuteranopia

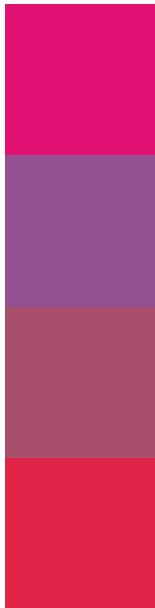
119.2530, 15.4050, 1.6530



## Tritanopia

100.3250, 104.3000, 37.1000

# Trichromacy



## Original Color

91.1360, 93.1520, 73.9520

## Protanomaly

108.3290, 19.3880, 34.1080

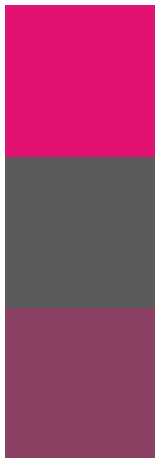
## Deuteranomaly

108.9170, 43.7350, 27.8870

## Tritanomaly

96.9030, 100.2170, 50.5290

# Monochromacy



## Original Color

91.1360, 93.1520, 73.9520

## Achromatopsia

91.0000, -0.0000, -0.0000

## Achromatomaly

90.7140, 34.0610, 26.9970

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 91.1360, 93.1520, 73.9520 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(226, 18, 114)` looks like.

```
.text, #text, p{  
    color:rgb(226, 18, 114)  
}
```

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(226, 18, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 18, 114) }
```

## Border

The CSS property to change the border of an element to YIQ 91.1360, 93.1520, 73.9520 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(226, 18, 114) }
```



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

```
.border{ border-color:rgb(226, 18, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 18, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 18, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 18, 114);  
box-shadow:4px 4px 4px 4px rgb(226, 18,  
114) }
```

# Background

The CSS property to change the background color of an element to YIQ 91.1360, 93.1520, 73.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 18, 114) }
```

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

```
.background{ background-color: rgb(226, 18,  
114) }
```

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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