

Converting Colors

YIQ(81.2110, 97.7350, 84.5110)

Have a look what the booklet for
YIQ(81.2110, 97.7350, 84.5110)
contains.

YIQ(81.2110, 97.7350, 84.5110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(81.2110, 97.7350,
84.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	E30075
RGB	227, 0, 117
RGB Percent	89%, 0%, 46%
CMY	0.1092, 0.9998, 0.5409
CMYK	0.00, 1.00, 0.48, 0.11
HSL	329°, 100%, 45%
HSV	329°, 100%, 89%
XYZ	34.9432, 17.6425, 18.4166
YIQ	81.2110, 97.7350, 84.5110

Conversions

Conversions Part 2

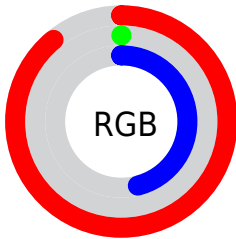
Format	Color
R_{YB}	227, 0, 117
Decimal	14876789
CIE _{Lab}	49.06, 77.76, 1.57
CIE _{LCh}	49, 77.775, 1.153
Yxy	17.6425, 0.4921, 0.2485
Android (android.graphics.Color)	4293066869 (0xFFE30075)
YUV	81.2110, 17.6440, 127.8570
Hunter-Lab	42.0029, 74.9932, 3.4057

Details

The YIQ color **81.2110, 97.7350, 84.5110** 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 **145.7890, -97.7350, -84.5110**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1020, 72.1560, 57.9800**, and **57.2010, 76.1910, 56.4390** is the 20% darker color. If you saturate the color by 10%, you get **81.2110, 97.7350, 84.5110**, and if you desaturate by 10%, it is **95.9660, 87.8790, 75.9030**.

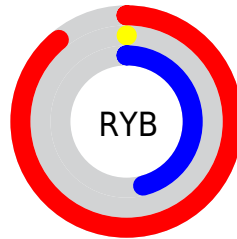
Distribution



Red (89%)

Green (0%)

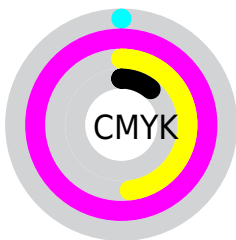
Blue (46%)



Red (89%)

Yellow (0%)

Blue (46%)

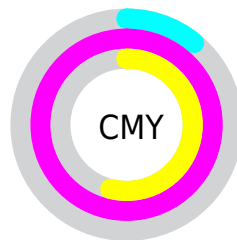


Cyan (0%)

Magenta (100%)

Yellow (48%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.2110, 97.7350, 84.5110 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 81.2110, 97.7350, 84.5110 by changing the saturation by 10% instead.


 81.2110, 97.7350,
84.5110


 81.2110, 97.7350,
84.5110


255.0000, -0.0000,
-0.0000


 69.2060, 86.9630,
70.4750


 150.1020, 72.1560,
57.9800


 57.2010, 76.1910,
56.4390


 171.3770, 54.9640,
50.1640


 45.4240, 64.7770,
43.0250


 192.7660, 37.4510,
42.6590

 34.1740, 53.3170,
30.4450

 213.5680, 20.2130,
35.6770

 23.1800, 44.0120,
17.3560

 231.5200, 11.0000,
20.9200

 12.9710, 25.3070,
9.4270

 249.1300, 2.7500,

 0.0000, 0.0000,

5.2300

0.0000

■ 81.2110, 97.7350,
84.5110

■ 95.9660, 87.8790,
75.9030

■ 110.1340, 78.2980,
67.8180

■ 124.8890, 68.4420,
59.2100

■ 139.6440, 58.5860,
50.6020

■ 154.3990, 48.7300,
41.9940

■ 168.5670, 39.1490,
33.9090

■ 183.3220, 29.2930,
25.3010

■ 198.0770, 19.4370,
16.6930

■ 212.2450, 9.8560,
8.6080

Harmonies

Analogous

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



111.2240, 42.9940, 68.8660



81.2110, 97.7350, 84.5110



98.2480, 103.1990, 40.5350

Triad

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



81.2110, 97.7350, 84.5110



98.7130, 6.0160, -53.9840



108.1550, -113.0180, -0.2340

Complementary

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



81.2110, 97.7350, 84.5110



145.7890, -97.7350, -84.5110

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.



105.5040, -98.6640, -18.0880



81.2110, 97.7350, 84.5110



87.5380, -53.5870, -58.6030

Square

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



81.2110, 97.7350, 84.5110



109.3650, 51.8150, -30.4650



97.8660, -77.1570, -38.9250



101.8750, -114.6250, 12.3750

Rectangle

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



81.2110, 97.7350, 84.5110



104.1350, 100.6380, 4.3340



97.8660, -77.1570, -38.9250



108.3200, -109.3490, -6.1570

Sweetspot

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



81.2110, 97.7350, 84.5110



206.1700, 32.7770, 28.2410



58.7680, -7.3070, 93.9170



98.3760, 20.0330, 16.9050



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.



81.2110, 97.7350, 84.5110



91.1790, 109.9290, 94.8010



68.3290, 134.0080, 49.3680



107.2720, 5.2260, 4.4100



64.0090, 77.1520, 66.5600



18.2130, 22.0500, 18.8980

Inverse Universe

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



81.2110, 97.7350, 84.5110



91.1790, 109.9290, 94.8010



158.6710, -134.0080, -49.3680



107.2720, 5.2260, 4.4100



64.0090, 77.1520, 66.5600



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 81.2110, 97.7350, 84.5110 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 81.2110, 97.7350, 84.5110 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 81.2110, 97.7350, 84.5110

Background



This preview shows how black text looks on a background with the YIQ color 81.2110, 97.7350, 84.5110.



This preview shows how white text looks on a background with the YIQ color 81.2110, 97.7350,

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

81.2110, 97.7350, 84.5110

Protanopia

118.4430, -25.6320, 12.9920

Deuteranopia

119.2960, 13.8460, 2.3740



Tritanopia

99.9230, 105.4920, 37.5240

Trichromacy



Original Color

81.2110, 97.7350, 84.5110

Protanomaly

104.7900, 19.7080, 39.3240

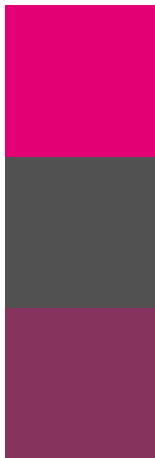
Deuteranomaly

105.7370, 44.4220, 31.9580

Tritanomaly

93.0930, 102.7380, 54.4020

Monochromacy



Original Color

81.2110, 97.7350, 84.5110

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.3060, 35.3900, 30.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.2110, 97.7350, 84.5110 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(227, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 117)  
}
```

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(227, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 117) }
```

Border

The CSS property to change the border of an element to YIQ 81.2110, 97.7350, 84.5110 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(227, 0, 117) }
```


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

```
.border{ border-color:rgb(227, 0, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 81.2110, 97.7350, 84.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 117) }
```

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

```
.background{ background-color: rgb(227, 0,  
117) }
```

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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