

Converting Colors

YIQ(79.9720, 96.9100, 82.9420)

Have a look what the booklet for
YIQ(79.9720, 96.9100, 82.9420)
contains.

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Color

**YIQ(79.9720, 96.9100,
82.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	E00072
RGB	224, 0, 114
RGB Percent	88%, 0%, 45%
CMY	0.1210, 0.9998, 0.5526
CMYK	0.00, 1.00, 0.49, 0.12
HSL	329°, 100%, 44%
HSV	329°, 100%, 88%
XYZ	33.8298, 17.0885, 17.4575
YIQ	79.9720, 96.9100, 82.9420

Conversions

Conversions Part 2

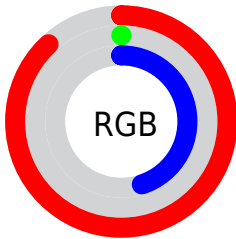
Format	Color
R_{YB}	224, 0, 114
Decimal	14680178
CIE _{Lab}	48.37, 76.88, 2.33
CIE _{LCh}	48, 76.915, 1.738
Yxy	17.0885, 0.4948, 0.2499
Android (android.graphics.Color)	4292870258 (0xFFE00072)
YUV	79.9720, 16.7758, 126.3126
Hunter-Lab	41.3383, 73.7361, 3.8981

Details

The YIQ color **79.9720, 96.9100, 82.9420** 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 **144.0280, -96.9100, -82.9420**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **149.7600, 73.1190, 57.0470**, and **56.0760, 75.0450, 55.1810** is the 20% darker color. If you saturate the color by 10%, you get **79.9720, 96.9100, 82.9420**, and if you desaturate by 10%, it is **94.1400, 87.3290, 74.8570**.

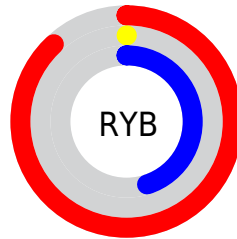
Distribution



Red (88%)

Green (0%)

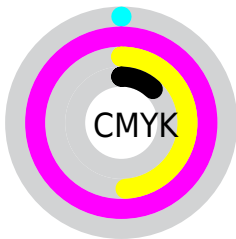
Blue (45%)



Red (88%)

Yellow (0%)

Blue (45%)

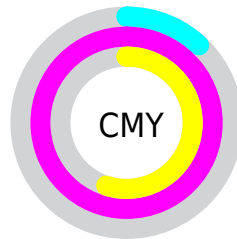


Cyan (0%)

Magenta (100%)

Yellow (49%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.9720, 96.9100, 82.9420 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 79.9720, 96.9100, 82.9420 by changing the saturation by 10% instead.


 79.9720, 96.9100,
82.9420


 79.9720, 96.9100,
82.9420


255.0000, -0.0000,
-0.0000


 67.9670, 86.1380,
68.9060


 149.7600, 73.1190,
57.0470


 56.0760, 75.0450,
55.1810


 171.0350, 55.9270,
49.2310


 44.2990, 63.6310,
41.7670


 191.8370, 38.6890,
42.2490

 33.0490, 52.1710,
29.1870

 212.0520, 21.7260,
35.7900

 22.2830, 42.2240,
16.7200

 230.9330, 11.2750,
21.4430

 12.0740, 23.5190,
8.7910

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 79.9720, 96.9100,
82.9420

■ 94.1400, 87.3290,
74.8570

■ 108.8950, 77.4730,
66.2490

■ 123.0630, 67.8920,
58.1640

■ 137.8180, 58.0360,
49.5560

■ 151.9860, 48.4550,
41.4710

■ 166.7410, 38.5990,
32.8630

■ 180.9090, 29.0180,
24.7780

■ 195.0770, 19.4370,
16.6930

■ 209.8320, 9.5810,
8.0850

Harmonies

Analogous

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



109.1100, 43.3150, 68.5550



79.9720, 96.9100, 82.9420



97.1230, 102.0530, 39.2770

Triad

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



79.9720, 96.9100, 82.9420



96.9410, 5.3740, -53.3620



106.6390, -111.5050, -0.1210

Complementary

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



79.9720, 96.9100, 82.9420



144.0280, -96.9100, -82.9420

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.



104.1020, -97.4720, -17.6640



79.9720, 96.9100, 82.9420



86.3640, -53.0370, -57.5570

Square

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



79.9720, 96.9100, 82.9420



107.8810, 50.3020, -30.5780



96.6920, -76.6070, -37.8790



100.3590, -113.1120, 12.4880

Rectangle

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



79.9720, 96.9100, 82.9420



103.2380, 98.8500, 3.6980



96.6920, -76.6070, -37.8790



106.3310, -107.8820, -5.2100

Sweetspot

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



79.9720, 96.9100, 82.9420



206.0560, 33.0980, 27.9300



57.8280, -7.5360, 92.5600



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.



79.9720, 96.9100, 82.9420



91.0650, 110.2500, 94.4900



67.4320, 132.2200, 48.7320



104.9730, 4.6300, 4.1980



62.8840, 76.0060, 65.3020



17.2020, 20.5830, 17.9510

Inverse Universe

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



79.9720, 96.9100, 82.9420



91.0650, 110.2500, 94.4900



156.5680, -132.2200, -48.7320



104.9730, 4.6300, 4.1980



62.8840, 76.0060, 65.3020



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 79.9720, 96.9100, 82.9420 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 79.9720, 96.9100, 82.9420 looks on a black 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

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

YIQ 79.9720, 96.9100, 82.9420

Background



This preview shows how black text looks on a background with the YIQ color 79.9720, 96.9100, 82.9420.



This preview shows how white text looks on a background with the YIQ color 79.9720, 96.9100,

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

79.9720, 96.9100, 82.9420

Protanopia

116.5140, -24.3940, 12.5820

Deuteranopia

117.7690, 13.8920, 1.5400



Tritanopia

97.6240, 104.8960, 37.3120

Trichromacy



Original Color

79.9720, 96.9100, 82.9420



Protanomaly

103.1490, 20.0750, 38.1790



Deuteranomaly

104.2100, 44.4680, 31.1240



Tritanomaly

91.3810, 101.8670, 53.6670

Monochromacy



Original Color

79.9720, 96.9100, 82.9420



Achromatopsia

80.0000, 0.0000, -0.0000



Achromatomaly

79.8930, 35.1150, 29.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.9720, 96.9100, 82.9420 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(224, 0, 114)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 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(224, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 114) }
```

Border

The CSS property to change the border of an element to YIQ 79.9720, 96.9100, 82.9420 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(224, 0, 114) }
```


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

```
.border{ border-color:rgb(224, 0, 114) }
```

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

Here you see how a box with a 4 pixel rgb(224, 0, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 79.9720, 96.9100, 82.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 114) }
```

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

```
.background{ background-color: rgb(224, 0,  
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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