

Converting Colors

YIQ(113.7230, 75.6820, 82.1940)

Have a look what the booklet for
YIQ(113.7230, 75.6820, 82.1940)
contains.

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Color

**YIQ(113.7230, 75.6820,
82.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	ED28AA
RGB	237, 40, 170
RGB Percent	93%, 16%, 67%
CMY	0.0700, 0.8434, 0.3331
CMYK	0.00, 0.83, 0.28, 0.07
HSL	320°, 85%, 54%
HSV	320°, 83%, 93%
XYZ	42.9884, 22.4449, 40.1220
YIQ	113.7230, 75.6820, 82.1940

Conversions

Conversions Part 2

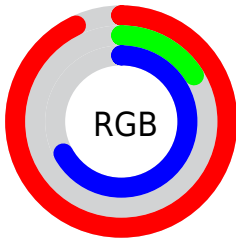
Format	Color
R_{YB}	237, 40, 170
Decimal	15542442
CIE _{Lab}	54.50, 79.94, -21.84
CIE _{LCh}	54, 82.871, 344.719
Yxy	22.4449, 0.4073, 0.2126
Android (android.graphics.Color)	4293732522 (0xFFED28AA)
YUV	113.7230, 27.7446, 108.1139
Hunter-Lab	47.3760, 79.0605, -17.0485

Details

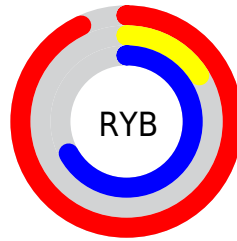
The YIQ color **113.7230, 75.6820, 82.1940** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **163.2770, -75.6820, -82.1940**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0520, 49.2300, 65.9820**, and **66.0760, 67.0180, 74.0100** is the 20% darker color. If you saturate the color by 10%, you get **98.7230, 84.8500, 92.2580**, and if you desaturate by 10%, it is **128.7230, 66.5140, 72.1300**.

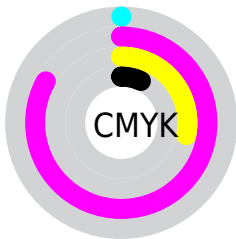
Distribution



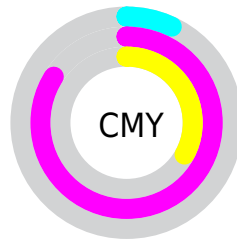
- Red (93%)
- Green (16%)
- Blue (67%)



- Red (93%)
- Yellow (16%)
- Blue (67%)



- Cyan (0%)
- Magenta (83%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (84%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7230, 75.6820, 82.1940 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 113.7230, 75.6820, 82.1940 by changing the saturation by 10% instead.


 113.7230, 75.6820,
82.1940


 113.7230, 75.6820,
82.1940


255.0000, -0.0000,
-0.0000


 77.8960, 76.8730,
88.1450


 167.0520, 49.2300,
65.9820


 66.0760, 67.0180,
74.0100


 187.9680, 31.6710,
59.3110


 54.2560, 57.1630,
59.8750


 205.6920, 23.1000,
43.9320

 42.8490, 47.5830,
46.2630

 223.3020, 14.8500,
28.2420

 31.6700, 37.3610,
33.2730

 240.9120, 6.6000,
12.5520

 20.4910, 27.1390,
20.2830

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 113.7230, 75.6820,
82.1940

■ 113.7230, 75.6820,
82.1940

■ 98.7230, 84.8500,
92.2580

■ 128.7230, 66.5140,
72.1300

■ 88.6470, 91.1760,
98.7600

■ 143.1360, 57.6210,
62.5890

■ 158.1360, 48.4530,
52.5250

■ 173.1360, 39.2850,
42.4610

■ 188.1360, 30.1170,
32.3970

■ 202.5490, 21.2240,
22.8560

■ 217.6630, 11.7350,
13.1030

■ 232.6630, 2.5670,
3.0390

■ 247.0760, -6.3260,
-6.5020

Harmonies

Analogous

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



132.4180, 4.1610, 62.2810



113.7230, 75.6820, 82.1940



101.6080, 112.1340, 71.3500

Triad

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



113.7230, 75.6820, 82.1940



118.6800, 37.1460, -45.4620



119.6670, -117.8760, -11.3160

Complementary

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



113.7230, 75.6820, 82.1940



163.2770, -75.6820, -82.1940

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.



113.3170, -97.2400, -32.8880



113.7230, 75.6820, 82.1940



92.2140, -35.8400, -77.3760

Square

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



113.7230, 75.6820, 82.1940



123.1300, 80.6980, -19.7660



103.0060, -72.3400, -54.6440



116.5330, -122.8300, 1.3780

Rectangle

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



113.7230, 75.6820, 82.1940



113.3320, 111.5900, 37.1420



103.0060, -72.3400, -54.6440



117.9740, -111.7310, -18.0590

Sweetspot

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



113.7230, 75.6820, 82.1940



214.9240, 24.6620, 26.6300



82.1920, -23.9010, 75.2590



103.5110, 15.2190, 16.0430



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.



113.7230, 75.6820, 82.1940



95.3970, 98.0520, 106.3080



102.6650, 106.8190, 52.0270



110.0870, 4.3090, 4.5090



67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330

Inverse Universe

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



113.7230, 75.6820, 82.1940



95.3970, 98.0520, 106.3080



174.3350, -106.8190, -52.0270



110.0870, 4.3090, 4.5090



67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 113.7230, 75.6820, 82.1940 looks on a white background.

Color Contrast Check

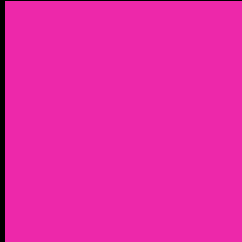
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7230, 75.6820, 82.1940 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 113.7230, 75.6820, 82.1940

Background



This preview shows how black text looks on a background with the YIQ color 113.7230, 75.6820, 82.1940.



This preview shows how white text looks on a background with the YIQ color 113.7230, 75.6820,

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

113.7230, 75.6820, 82.1940

Protanopia

125.9170, -61.7170, 22.6910

Deuteranopia

131.9470, -9.6760, 10.1640



Tritanopia

121.8010, 91.0960, 34.1040

Trichromacy



Original Color

113.7230, 75.6820, 82.1940



Protanomaly

121.5540, -11.5620, 44.3580



Deuteranomaly

125.2800, 21.0840, 36.4120



Tritanomaly

118.8290, 85.8660, 51.8020

Monochromacy



Original Color

113.7230, 75.6820, 82.1940



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.8860, 27.8250, 29.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7230, 75.6820, 82.1940 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(237, 40, 170)` looks like.

```
.text, #text, p{  
    color:rgb(237, 40, 170)  
}
```

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(237, 40, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 40, 170) }
```

Border

The CSS property to change the border of an element to YIQ 113.7230, 75.6820, 82.1940 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(237, 40, 170) }
```


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

```
.border{ border-color:rgb(237, 40, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 40, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 40, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 40, 170);  
box-shadow:4px 4px 4px 4px rgb(237, 40,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7230, 75.6820, 82.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 40, 170) }
```

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

```
.background{ background-color: rgb(237, 40,  
170) }
```

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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