

Converting Colors

YIQ(135.9090, 48.4950, 73.7990)

Have a look what the booklet for
YIQ(135.9090, 48.4950, 73.7990)
contains.

YIQ(135.9090, 48.4950, 73.7990)	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(135.9090, 48.4950,
73.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	E44BD0
RGB	228, 75, 208
RGB Percent	89%, 29%, 82%
CMY	0.1054, 0.7061, 0.1842
CMYK	0.00, 0.67, 0.09, 0.11
HSL	308°, 74%, 59%
HSV	308°, 67%, 89%
XYZ	45.9308, 26.0913, 62.3045
YIQ	135.9090, 48.4950, 73.7990

Conversions

Conversions Part 2

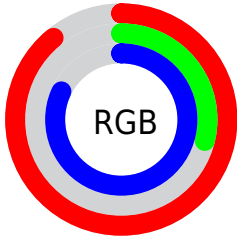
Format	Color
R _{YB}	228, 75, 208
Decimal	14961616
CIE Lab	58.12, 72.87, -38.24
CIE LCh	58, 82.294, 332.309
Yxy	26.0913, 0.3419, 0.1942
Android (android.graphics.Color)	4293151696 (0xFFE44BD0)
YUV	135.9090, 35.5409, 80.7638
Hunter-Lab	51.0796, 71.1177, -36.5634

Details

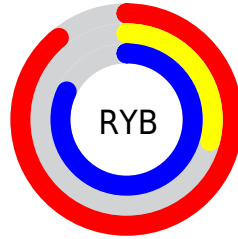
The YIQ color **135.9090, 48.4950, 73.7990** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **167.0910, -48.4950, -73.7990**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 33.2750, 63.2830**, and **67.9730, 51.6110, 83.4110** is the 20% darker color. If you saturate the color by 10%, you get **122.0660, 55.7830, 84.8950**, and if you desaturate by 10%, it is **149.7520, 41.2070, 62.7030**.

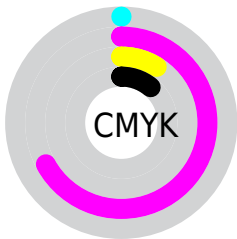
Distribution



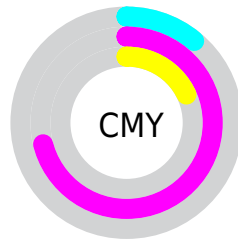
- Red (89%)
- Green (29%)
- Blue (82%)



- Red (89%)
- Yellow (29%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.9090, 48.4950, 73.7990 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 135.9090, 48.4950, 73.7990 by changing the saturation by 10% instead.

135.9090, 48.4950,
73.7990

135.9090, 48.4950,
73.7990

255.0000, -0.0000,
-0.0000

103.2020, 49.2280,
77.0360

183.9730, 33.2750,
63.2830

67.9730, 51.6110,
83.4110

201.5830, 25.0250,
47.5930

56.3380, 42.6730,
69.1770

218.6060, 17.0500,
32.4260

45.0020, 34.3310,
55.1550

235.6290, 9.0750,
17.2590

33.8940, 25.3470,
41.7550

253.2390, 0.8250,
1.5690

23.4980, 17.2340,
29.0900

11.6070, 6.1410,

15.3650

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 135.9090, 48.4950,
73.7990

■ 135.9090, 48.4950,
73.7990

■ 122.0660, 55.7830,
84.8950

■ 149.7520, 41.2070,
62.7030

■ 108.2230, 63.0710,
95.9910

■ 163.5950, 33.9190,
51.6070

■ 94.9670, 70.0840,
106.5640

■ 176.8510, 26.9060,
41.0340

■ 90.7440, 72.3300,
109.9140

■ 190.6940, 19.6180,
29.9380

204.5370, 12.3300,
18.8420

218.3800, 5.0420,
7.7460

232.2230, -2.2460,
-3.3500

244.3050, -8.7090,
-12.8770

244.6470, -9.6720,
-11.9440

Harmonies

Analogous

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



139.6090, -30.5900, 47.7940



135.9090, 48.4950, 73.7990



116.5170, 96.4530, 74.7010

Triad

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



135.9090, 48.4950, 73.7990



130.6290, 59.5190, -37.9290



124.3000, -115.7650, -22.0450

Complementary

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



135.9090, 48.4950, 73.7990



167.0910, -48.4950, -73.7990

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.



116.0920, -92.6530, -44.4370



135.9090, 48.4950, 73.7990



118.7700, 9.8690, -63.2430

Square

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



135.9090, 48.4950, 73.7990



129.7630, 101.1450, -10.3670



105.0800, -67.1570, -65.9810



125.3380, -126.9550, -6.4670

Rectangle

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



135.9090, 48.4950, 73.7990



118.7900, 107.9650, 53.2850



105.0800, -67.1570, -65.9810



122.3790, -108.9780, -29.4100

Sweetspot

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



135.9090, 48.4950, 73.7990



224.2650, 16.2720, 24.4960



97.8240, -38.3850, 51.3990



109.2330, 10.1300, 14.6580



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.



135.9090, 48.4950, 73.7990



130.4130, 65.5920, 99.8640



127.4730, 72.2490, 50.7850



107.7280, 3.9420, 5.6540



71.1910, 56.9290, 86.1530



20.2650, 16.2720, 24.4960

Inverse Universe

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



135.9090, 48.4950, 73.7990



130.4130, 65.5920, 99.8640



175.5270, -72.2490, -50.7850



107.7280, 3.9420, 5.6540



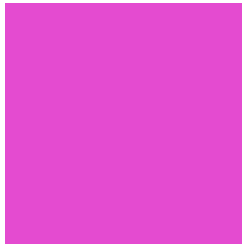
71.1910, 56.9290, 86.1530



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 135.9090, 48.4950, 73.7990 looks on a white background.

Color Contrast Check

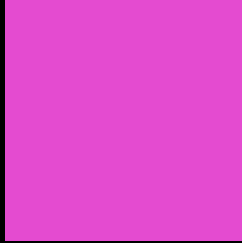
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.9090, 48.4950, 73.7990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

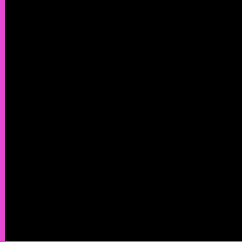
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.9090, 48.4950, 73.7990

Background



This preview shows how black text looks on a background with the YIQ color 135.9090, 48.4950, 73.7990.



This preview shows how white text looks on a background with the YIQ color 135.9090, 48.4950,

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

135.9090, 48.4950, 73.7990

Protanopia

133.1210, -70.9790, 25.3490

Deuteranopia

139.7460, -30.8590, 14.1090



Tritanopia

138.8840, 65.6970, 26.3450

Trichromacy



Original Color

135.9090, 48.4950, 73.7990



Protanomaly

134.1160, -27.8840, 42.8040



Deuteranomaly

138.6610, -1.9780, 35.8620



Tritanomaly

137.6130, 59.8710, 43.8310

Monochromacy



Original Color

135.9090, 48.4950, 73.7990



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.9170, 17.3720, 26.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9090, 48.4950, 73.7990 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(228, 75, 208)` looks like.

```
.text, #text, p{  
    color:rgb(228, 75, 208)  
}
```

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(228, 75, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 75, 208) }
```

Border

The CSS property to change the border of an element to YIQ 135.9090, 48.4950, 73.7990 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(228, 75, 208) }
```


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

```
.border{ border-color:rgb(228, 75, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 75, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 75, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 75, 208);  
box-shadow:4px 4px 4px 4px rgb(228, 75,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9090, 48.4950, 73.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 75, 208) }
```

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

```
.background{ background-color: rgb(228, 75,  
208) }
```

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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