

Converting Colors

YIQ(137.6190, 42.5390, 49.5710)

Have a look what the booklet for
YIQ(137.6190, 42.5390, 49.5710)
contains.

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Color

**YIQ(137.6190, 42.5390,
49.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	D15EAF
RGB	209, 94, 175
RGB Percent	82%, 37%, 69%
CMY	0.1801, 0.6315, 0.3136
CMYK	0.00, 0.55, 0.16, 0.18
HSL	318°, 56%, 59%
HSV	318°, 55%, 82%
XYZ	38.0568, 24.6604, 43.3255
YIQ	137.6190, 42.5390, 49.5710

Conversions

Conversions Part 2

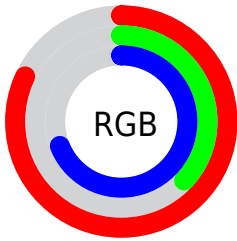
Format	Color
R _{YB}	209, 94, 175
Decimal	13721263
CIE _{Lab}	56.74, 54.98, -21.68
CIE _{LCh}	57, 59.100, 338.474
Y _{xy}	24.6604, 0.3589, 0.2326
Android (android.graphics.Color)	4291911343 (0xFFD15EAF)
YUV	137.6190, 18.4288, 62.6011
Hunter-Lab	49.6593, 49.8914, -16.9664

Details

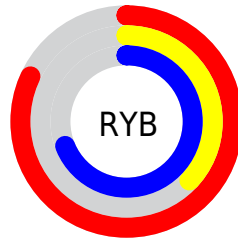
The YIQ color **137.6190, 42.5390, 49.5710** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **165.3810, -42.5390, -49.5710**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0420, 36.8540, 47.9740**, and **81.0750, 41.2550, 50.8150** is the 20% darker color. If you saturate the color by 10%, you get **124.6080, 50.2400, 58.6880**, and if you desaturate by 10%, it is **150.6300, 34.8380, 40.4540**.

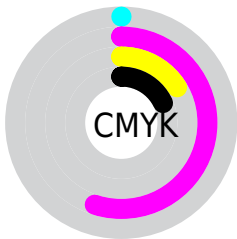
Distribution



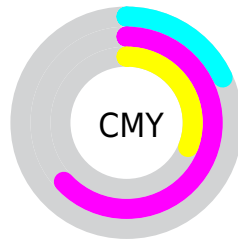
- Red (82%)
- Green (37%)
- Blue (69%)



- Red (82%)
- Yellow (37%)
- Blue (69%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.6190, 42.5390, 49.5710 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 137.6190, 42.5390, 49.5710 by changing the saturation by 10% instead.


 137.6190, 42.5390,
49.5710


 137.6190, 42.5390,
49.5710


255.0000, -0.0000,
-0.0000


 110.0210, 41.3470,
49.1470


 190.0420, 36.8540,
47.9740

 81.0750, 41.2550,
50.8150


 209.2140, 21.4500,
40.7940


 48.1340, 42.7670,
56.4550

 225.6500, 13.7500,
26.1500

 37.3250, 34.3790,
43.2670

 242.6730, 5.7750,
10.9830

 26.6300, 25.6700,
30.3900

 17.0600, 18.1070,
18.7710

 0.0000, 0.0000,

0.0000

■ 137.6190, 42.5390,
49.5710

■ 137.6190, 42.5390,
49.5710

■ 124.6080, 50.2400,
58.6880

■ 150.6300, 34.8380,
40.4540

■ 111.5970, 57.9410,
67.8050

■ 163.6410, 27.1370,
31.3370

■ 98.4720, 65.9630,
76.6110

■ 176.7660, 19.1150,
22.5310

■ 85.4610, 73.6640,
85.7280

■ 189.7770, 11.4140,
13.4140

■ 79.2490, 77.3770,
90.0250

■ 202.2010, 3.9880,
4.8200

■ 215.2120, -3.7130,
-4.2970

■ 228.2230,
-11.4140, -13.4140

■ 237.8260,
-17.7860, -19.0820

■ 238.5100,
-19.7120, -17.2160

Harmonies

Analogous

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



139.7730, -7.9850, 40.1030



137.6190, 42.5390, 49.5710



133.0890, 73.0300, 42.1340

Triad

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



137.6190, 42.5390, 49.5710



127.2670, 46.0390, -35.9210



116.0190, -107.6040, -21.2680

Complementary

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



137.6190, 42.5390, 49.5710



165.3810, -42.5390, -49.5710

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.



111.0200, -92.1500, -37.0300



137.6190, 42.5390, 49.5710



121.9160, -1.5050, -44.3290

Square

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



137.6190, 42.5390, 49.5710



131.7240, 70.5180, -11.4820



103.6900, -74.2660, -52.7780



115.6720, -116.2720, -7.3440

Rectangle

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



137.6190, 42.5390, 49.5710



131.8380, 80.5060, 27.7860



103.6900, -74.2660, -52.7780



114.8960, -103.0640, -26.4560

Sweetspot

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



137.6190, 42.5390, 49.5710



228.2770, 15.9980, 18.4460



116.9770, -17.2470, 42.7610



111.8260, 9.7180, 11.1100



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.



137.6190, 42.5390, 49.5710



150.6840, 62.2500, 72.3140



131.2350, 60.5150, 32.1550



98.0870, 4.3090, 4.5090



63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Inverse Universe

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



137.6190, 42.5390, 49.5710



150.6840, 62.2500, 72.3140



171.7650, -60.5150, -32.1550



98.0870, 4.3090, 4.5090



63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Previews

White Background



This preview shows how the YIQ color 137.6190, 42.5390, 49.5710 looks on a white background.

Color Contrast Check

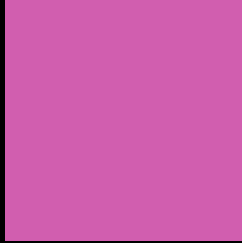
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6190, 42.5390, 49.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

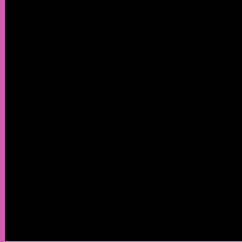
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.6190, 42.5390, 49.5710

Background



This preview shows how black text looks on a background with the YIQ color 137.6190, 42.5390, 49.5710.



This preview shows how white text looks on a background with the YIQ color 137.6190, 42.5390,

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

137.6190, 42.5390, 49.5710

Protanopia

135.6300, -36.2240, 17.7280

Deuteranopia

137.8760, -10.9140, 10.5740



Tritanopia

137.3170, 54.0520, 22.6280

Trichromacy



Original Color

137.6190, 42.5390, 49.5710

Protanomaly

136.0360, -7.7080, 29.5720

Deuteranomaly

137.4860, 8.3400, 25.0760

Tritanomaly

137.3740, 49.8780, 32.1980

Monochromacy



Original Color

137.6190, 42.5390, 49.5710

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8640, 15.7230, 17.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6190, 42.5390, 49.5710 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(209, 94, 175)` looks like.

```
.text, #text, p{  
    color:rgb(209, 94, 175)  
}
```

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(209, 94, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 94, 175) }
```

Border

The CSS property to change the border of an element to YIQ 137.6190, 42.5390, 49.5710 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(209, 94, 175) }
```


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

```
.border{ border-color:rgb(209, 94, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 94, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 94, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 94, 175);  
box-shadow:4px 4px 4px 4px rgb(209, 94,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6190, 42.5390, 49.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 94, 175) }
```

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

```
.background{ background-color: rgb(209, 94,  
175) }
```

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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