

Converting Colors

YIQ(137.0760, 40.6550, 72.7110)

Have a look what the booklet for
YIQ(137.0760, 40.6550, 72.7110)
contains.

YIQ(137.0760, 40.6550, 72.7110)	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(137.0760, 40.6550,
72.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4FD8
RGB	221, 79, 216
RGB Percent	87%, 31%, 85%
CMY	0.1329, 0.6904, 0.1529
CMYK	0.00, 0.64, 0.02, 0.13
HSL	302°, 68%, 59%
HSV	302°, 64%, 87%
XYZ	45.0399, 25.9311, 67.6066
YIQ	137.0760, 40.6550, 72.7110

Conversions

Conversions Part 2

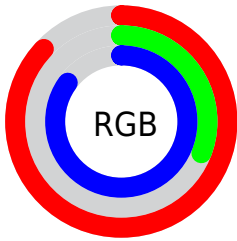
Format	Color
R _{YB}	221, 79, 216
Decimal	14503896
CIE _{Lab}	57.97, 70.97, -43.09
CIE _{LCh}	58, 83.025, 328.738
Yxy	25.9311, 0.3250, 0.1871
Android (android.graphics.Color)	4292693976 (0xFFDD4FD8)
YUV	137.0760, 38.9095, 73.6013
Hunter-Lab	50.9226, 68.7646, -43.0697

Details

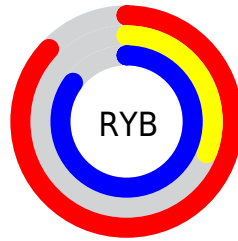
The YIQ color $137.0760, 40.6550, 72.7110$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $162.9240, -40.6550, -72.7110$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $185.7340, 32.4500, 61.7140$, and $66.7920, 44.8710, 84.4150$ is the 20% darker color. If you saturate the color by 10%, you get $124.0480, 47.0260, 83.9060$, and if you desaturate by 10%, it is $150.1040, 34.2840, 61.5160$.

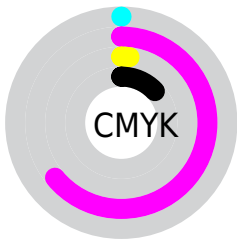
Distribution



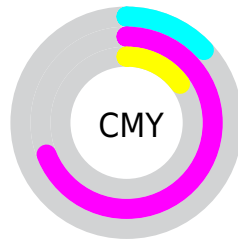
- Red (87%)
- Green (31%)
- Blue (85%)



- Red (87%)
- Yellow (31%)
- Blue (85%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (13%)




- Cyan (13%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.0760, 40.6550, 72.7110 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 137.0760, 40.6550, 72.7110 by changing the saturation by 10% instead.


 137.0760, 40.6550,
72.7110


 137.0760, 40.6550,
72.7110


255.0000, -0.0000,
-0.0000

 106.4290, 41.1590,
74.5910


 185.7340, 32.4500,
61.7140

 66.7920, 44.8710,
84.4150


 202.7570, 24.4750,
46.5470


 55.3420, 36.8500,
70.0820

 219.7800, 16.5000,
31.3800

 44.0060, 28.5080,
56.0600

 237.3900, 8.2500,
15.6900

 32.7840, 19.8450,
42.3490

 22.6870, 12.3280,
29.8960

 9.8990, -0.5530,

15.5350

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 137.0760, 40.6550,
72.7110

■ 137.0760, 40.6550,
72.7110

■ 124.0480, 47.0260,
83.9060

■ 150.1040, 34.2840,
61.5160

■ 111.0200, 53.3970,
95.1010

■ 163.1320, 27.9130,
50.3210

■ 98.1060, 59.4470,
106.6070

■ 176.0460, 21.8630,
38.8150

■ 90.3610, 63.3430,
113.0950

■ 189.0740, 15.4920,
27.6200

■ 202.6890, 8.8460,
15.9020

■ 215.7170, 2.4750,
4.7070

■ 228.7450, -3.8960,
-6.4880

■ 241.0720, -9.6710,
-17.4710

■ 241.1860, -9.9920,
-17.1600

Harmonies

Analogous

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



136.5750, -42.4180, 41.8860



137.0760, 40.6550, 72.7110



115.7820, 94.3890, 79.0690

Triad

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



137.0760, 40.6550, 72.7110



130.3740, 64.7910, -34.3530



123.5020, -113.5180, -24.2220

Complementary

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



137.0760, 40.6550, 72.7110



162.9240, -40.6550, -72.7110

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.



115.0660, -89.7640, -47.2360



137.0760, 40.6550, 72.7110



120.5860, 16.3790, -60.0770

Square

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



137.0760, 40.6550, 72.7110



128.6220, 106.0960, -6.4800



103.2390, -63.3510, -68.8790



125.9250, -127.2300, -6.9900

Rectangle

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



137.0760, 40.6550, 72.7110



115.5930, 107.3220, 59.4340



103.2390, -63.3510, -68.8790



121.3530, -106.0890, -32.2090

Sweetspot

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



137.0760, 40.6550, 72.7110



226.5960, 13.8420, 24.4820



96.6830, -42.6020, 45.2220



110.1620, 8.8920, 15.0680



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.



137.0760, 40.6550, 72.7110



139.1500, 56.1470, 100.3310



128.9820, 63.4460, 50.6300



103.4290, 3.3460, 5.4420



70.7650, 49.5010, 88.6130



18.7700, 13.2920, 23.4360

Inverse Universe

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



137.0760, 40.6550, 72.7110



139.1500, 56.1470, 100.3310



171.0180, -63.4460, -50.6300



103.4290, 3.3460, 5.4420



70.7650, 49.5010, 88.6130



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 137.0760, 40.6550, 72.7110 looks on a white background.

Color Contrast Check

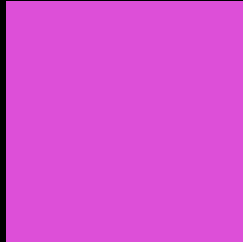
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0760, 40.6550, 72.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

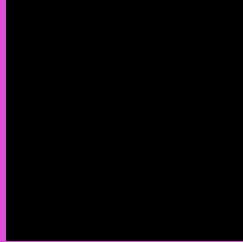
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0760, 40.6550, 72.7110

Background



This preview shows how black text looks on a background with the YIQ color 137.0760, 40.6550, 72.7110.



This preview shows how white text looks on a background with the YIQ color 137.0760, 40.6550,

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

137.0760, 40.6550, 72.7110

Protanopia

132.8220, -71.5750, 25.1370

Deuteranopia

138.2660, -38.1950, 14.9010



Tritanopia

139.9970, 57.9490, 23.5890

Trichromacy



Original Color

137.0760, 40.6550, 72.7110



Protanomaly

134.1480, -30.9100, 42.5780



Deuteranomaly

137.7680, -9.5890, 36.1310



Tritanomaly

138.8400, 51.8020, 41.3860

Monochromacy



Original Color

137.0760, 40.6550, 72.7110



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.2480, 14.9420, 26.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0760, 40.6550, 72.7110 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(221, 79, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 79, 216)  
}
```

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(221, 79, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 79, 216) }
```

Border

The CSS property to change the border of an element to YIQ 137.0760, 40.6550, 72.7110 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(221, 79, 216) }
```


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

```
.border{ border-color:rgb(221, 79, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 79, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 79, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 79, 216); box-shadow:4px 4px 4px 4px rgb(221, 79, 216) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0760, 40.6550, 72.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 79, 216) }
```

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

```
.background{ background-color: rgb(221, 79,  
216) }
```

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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