

Converting Colors

YIQ(160.6610, 24.3850, 37.1610)

Have a look what the booklet for
YIQ(160.6610, 24.3850, 37.1610)
contains.

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Color

**YIQ(160.6610, 24.3850,
37.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	CF82C5
RGB	207, 130, 197
RGB Percent	81%, 51%, 77%
CMY	0.1880, 0.4903, 0.2274
CMYK	0.00, 0.37, 0.05, 0.19
HSL	308°, 45%, 66%
HSV	308°, 37%, 81%
XYZ	43.8059, 33.2621, 56.9416
YIQ	160.6610, 24.3850, 37.1610

Conversions

Conversions Part 2

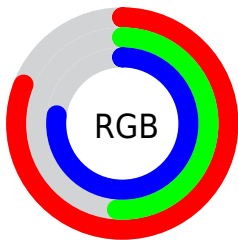
Format	Color
R_{YB}	207, 130, 197
Decimal	13599429
CIE _{Lab}	64.37, 39.79, -22.56
CIE _{LCh}	64, 45.738, 330.445
Yxy	33.2621, 0.3269, 0.2482
Android (android.graphics.Color)	4291789509 (0xFFCF82C5)
YUV	160.6610, 17.9151, 40.6393
Hunter-Lab	57.6733, 34.6517, -18.1665

Details

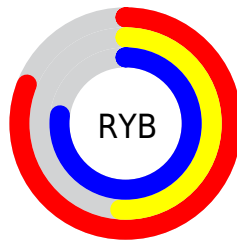
The YIQ color **160.6610, 24.3850, 37.1610** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.3390, -24.3850, -37.1610**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.2090, 19.8460, 36.8220**, and **107.2370, 22.6430, 35.6910** is the 20% darker color. If you saturate the color by 10%, you get **147.9920, 31.1230, 47.2110**, and if you desaturate by 10%, it is **173.3300, 17.6470, 27.1110**.

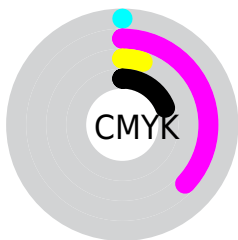
Distribution



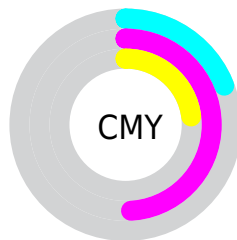
- Red (81%)
- Green (51%)
- Blue (77%)



- Red (81%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.6610, 24.3850, 37.1610 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 160.6610, 24.3850, 37.1610 by changing the saturation by 10% instead.

160.6610, 24.3850,
37.1610

160.6610, 24.3850,
37.1610

255.0000, -0.0000,
-0.0000

133.9490, 23.5140,
36.4260

213.2090, 19.8460,
36.8220

107.2370, 22.6430,
35.6910

229.7590, 11.8250,
22.4890

81.5250, 21.7720,
34.9560

246.7820, 3.8500,
7.3220

56.2260, 21.1760,
34.7440

29.6930, 21.3590,
36.9350

19.8950, 14.4380,
24.6940

9.4280, 5.0870,

12.4390

■ 0.0000, 0.0000,
0.0000

■ 160.6610, 24.3850,
37.1610

■ 160.6610, 24.3850,
37.1610

■ 147.9920, 31.1230,
47.2110

■ 173.3300, 17.6470,
27.1110

■ 136.0240, 37.2650,
57.0490

■ 185.2980, 11.5050,
17.2730

■ 123.3550, 44.0030,
67.0990

■ 197.9670, 4.7670,
7.2230

■ 110.6860, 50.7410,
77.1490

■ 210.6360, -1.9710,
-2.8270

■ 98.1310, 57.1580,
87.5100

■ 223.3050, -8.7090,
-12.8770

86.0490, 63.6210,
97.0370

235.2730,
-14.8510, -22.7150

82.4130, 65.5920,
99.8640

236.2020,
-16.0890, -22.3050

236.5440,
-17.0520, -21.3720

236.7720,
-17.6940, -20.7500

Harmonies

Analogous

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



158.8330, -17.3820, 28.6820



160.6610, 24.3850, 37.1610



158.5810, 53.7290, 33.9930

Triad

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



160.6610, 24.3850, 37.1610



152.4260, 41.8180, -19.9900



125.6560, -111.3160, -31.0920

Complementary

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



160.6610, 24.3850, 37.1610



176.3390, -24.3850, -37.1610

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.



121.5690, -98.4300, -44.3660



160.6610, 24.3850, 37.1610



148.1660, 9.9550, -31.7490

Square

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



160.6610, 24.3850, 37.1610



154.7850, 60.5210, -1.0070



140.2610, -32.9130, -36.7930



126.1410, -119.5710, -19.1470

Rectangle

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



160.6610, 24.3850, 37.1610



156.6880, 63.3130, 25.4970



140.2610, -32.9130, -36.7930



124.7610, -107.4180, -35.6580

Sweetspot

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



160.6610, 24.3850, 37.1610



238.1080, 8.9840, 13.4000



141.4690, -19.3530, 25.8550



117.6790, 5.6380, 7.9580



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.



160.6610, 24.3850, 37.1610



185.7850, 36.4400, 55.4800



156.4430, 36.2620, 25.6540



98.3150, 3.6670, 5.1310



66.8760, 53.2620, 81.0220



16.2490, 13.2010, 19.5770

Inverse Universe

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



160.6610, 24.3850, 37.1610



185.7850, 36.4400, 55.4800



180.6710, -36.5830, -25.3430



98.3150, 3.6670, 5.1310



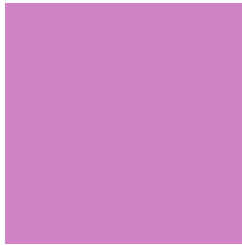
66.8760, 53.2620, 81.0220



16.2490, 13.2010, 19.5770

Previews

White Background



This preview shows how the YIQ color 160.6610, 24.3850, 37.1610 looks on a white background.

Color Contrast Check

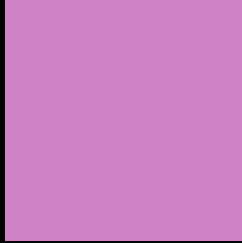
Large Text (above 18pt) WCAG AA × Fail

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 160.6610, 24.3850, 37.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

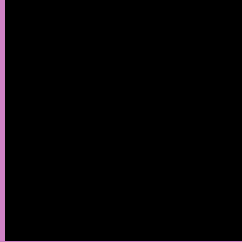
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.6610, 24.3850, 37.1610

Background



This preview shows how black text looks on a background with the YIQ color 160.6610, 24.3850, 37.1610.



This preview shows how white text looks on a background with the YIQ color 160.6610, 24.3850,

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

160.6610, 24.3850, 37.1610

Protanopia

156.4690, -28.5210, 15.7910

Deuteranopia

157.5600, -12.8400, 12.4400



Tritanopia

158.7920, 33.4210, 16.5650

Trichromacy



Original Color

160.6610, 24.3850, 37.1610



Protanomaly

157.8630, -8.8990, 23.6210



Deuteranomaly

158.9580, 0.9590, 21.1750



Tritanomaly

159.5670, 29.9810, 23.8450

Monochromacy



Original Color

160.6610, 24.3850, 37.1610



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

161.1080, 8.9840, 13.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.6610, 24.3850, 37.1610 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(207, 130, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 130, 197)  
}
```

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(207, 130, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 130, 197) }
```

Border

The CSS property to change the border of an element to YIQ 160.6610, 24.3850, 37.1610 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(207, 130, 197) }
```


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

```
.border{ border-color:rgb(207, 130, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 130, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 130, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 130, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 130,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 160.6610, 24.3850, 37.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 130, 197) }
```

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

```
.background{ background-color: rgb(207,  
130, 197) }
```

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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