

Converting Colors

YIQ(163.0160, 39.7430, 45.1750)

Have a look what the booklet for
YIQ(163.0160, 39.7430, 45.1750)
contains.

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Color

**YIQ(163.0160, 39.7430,
45.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	E57BC4
RGB	229, 123, 196
RGB Percent	90%, 48%, 77%
CMY	0.1017, 0.5178, 0.2313
CMYK	0.00, 0.46, 0.14, 0.10
HSL	319°, 67%, 69%
HSV	319°, 46%, 90%
XYZ	49.3815, 34.8121, 56.3567
YIQ	163.0160, 39.7430, 45.1750

Conversions

Conversions Part 2

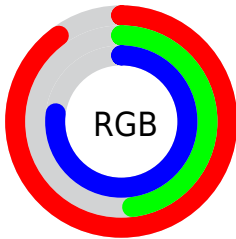
Format	Color
R _{YB}	229, 123, 196
Decimal	15039428
CIE _{Lab}	65.60, 50.22, -19.89
CIE _{LCh}	66, 54.017, 338.398
Yxy	34.8121, 0.3513, 0.2477
Android (android.graphics.Color)	4293229508 (0xFFE57BC4)
YUV	163.0160, 16.2611, 57.8680
Hunter-Lab	59.0018, 46.1424, -15.3307

Details

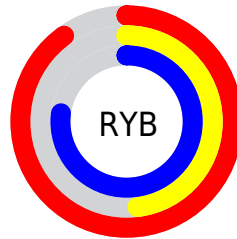
The YIQ color **163.0160, 39.7430, 45.1750** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.9840, -39.7430, -45.1750**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.5730, 21.8170, 39.6490**, and **108.4070, 37.0840, 43.8040** is the 20% darker color. If you saturate the color by 10%, you get **148.7170, 48.3150, 55.0270**, and if you desaturate by 10%, it is **177.3150, 31.1710, 35.3230**.

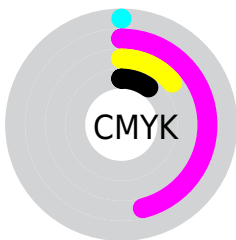
Distribution



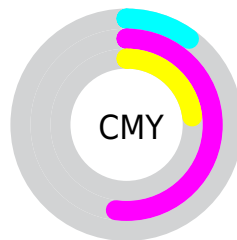
- Red (90%)
- Green (48%)
- Blue (77%)



- Red (90%)
- Yellow (48%)
- Blue (77%)



- Cyan (0%)
- Magenta (46%)
- Yellow (14%)
- Black (10%)





- Cyan (10%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.0160, 39.7430, 45.1750 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 163.0160, 39.7430, 45.1750 by changing the saturation by 10% instead.


 163.0160, 39.7430,
45.1750


 163.0160, 39.7430,
45.1750


255.0000, -0.0000,
-0.0000

 135.4180, 38.5510,
44.7510


 209.5730, 21.8170,
39.6490


 107.8200, 37.3590,
44.3270


 226.2370, 13.4750,
25.6270

 80.6350, 36.4420,
44.4260

 243.2600, 5.5000,
10.4600

 48.6940, 37.9540,
50.0660

 34.3630, 31.2160,
40.0160

 24.0810, 22.7820,
27.6620

 14.5110, 15.2190,

16.0430

■ 0.0000, 0.0000,
0.0000

■ 163.0160, 39.7430,
45.1750

■ 163.0160, 39.7430,
45.1750

■ 148.7170, 48.3150,
55.0270

■ 177.3150, 31.1710,
35.3230

■ 134.4180, 56.8870,
64.8790

■ 191.6140, 22.5990,
25.4710

■ 120.1190, 65.4590,
74.7310

■ 205.9130, 14.0270,
15.6190

■ 105.7060, 74.3520,
84.2720

■ 220.3260, 5.1340,
6.0780

■ 91.4070, 82.9240,
94.1240

■ 234.0380, -3.1630,
-3.2510

86.4830, 85.7660,
97.6860

245.4020,
-10.3600, -10.4880

246.2000,
-12.6070, -8.3110

246.9980,
-14.8540, -6.1340

247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



163.4910, -7.2510, 37.8130



163.0160, 39.7430, 45.1750



159.4150, 68.9960, 38.1480

Triad

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



163.0160, 39.7430, 45.1750



153.1450, 40.8110, -29.2770



131.0990, -119.7530, -26.8650

Complementary

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



163.0160, 39.7430, 45.1750



188.9840, -39.7430, -45.1750

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.



127.0290, -105.5370, -42.2170



163.0160, 39.7430, 45.1750



147.7360, -0.8180, -40.2580

Square

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



163.0160, 39.7430, 45.1750



156.5650, 66.7120, -8.5840



131.8160, -65.6930, -48.4530



130.5240, -127.7790, -13.5630

Rectangle

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



163.0160, 39.7430, 45.1750



158.1040, 76.7010, 25.1570



131.8160, -65.6930, -48.4530



130.6770, -115.8090, -32.2650

Sweetspot

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



163.0160, 39.7430, 45.1750



232.6140, 13.4310, 15.4070



144.6520, -14.9540, 39.7500



114.2880, 8.2970, 9.3290



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.



163.0160, 39.7430, 45.1750



166.0430, 53.4490, 61.1050



157.0880, 56.4350, 29.0030



107.5000, 4.5840, 5.0320



67.5430, 67.2010, 76.2010



19.2390, 19.1610, 21.6970

Inverse Universe

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



163.0160, 39.7430, 45.1750



166.0430, 53.4490, 61.1050



194.9120, -56.4350, -29.0030



107.5000, 4.5840, 5.0320



67.5430, 67.2010, 76.2010



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 163.0160, 39.7430, 45.1750 looks on a white background.

Color Contrast Check

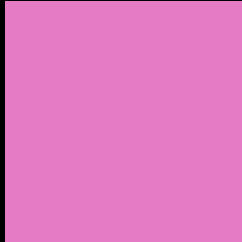
Large Text (above 18pt) WCAG AA × Fail

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 163.0160, 39.7430, 45.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

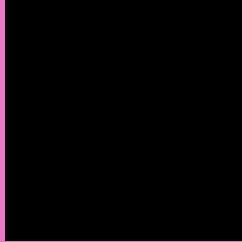
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.0160, 39.7430, 45.1750

Background



This preview shows how black text looks on a background with the YIQ color 163.0160, 39.7430, 45.1750.



This preview shows how white text looks on a background with the YIQ color 163.0160, 39.7430,

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

163.0160, 39.7430, 45.1750

Protanopia

160.0990, -30.3550, 15.9890

Deuteranopia

161.0720, -8.5300, 11.4220



Tritanopia

161.7510, 49.8340, 21.9780

Trichromacy



Original Color

163.0160, 39.7430, 45.1750



Protanomaly

161.0100, -4.8190, 26.7730



Deuteranomaly

161.7310, 9.0280, 23.6200



Tritanomaly

162.1670, 46.0270, 30.4030

Monochromacy



Original Color

163.0160, 39.7430, 45.1750



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.7390, 14.5770, 16.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0160, 39.7430, 45.1750 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(229, 123, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 123, 196)  
}
```

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(229, 123, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 123, 196) }
```

Border

The CSS property to change the border of an element to YIQ 163.0160, 39.7430, 45.1750 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(229, 123, 196) }
```


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

```
.border{ border-color:rgb(229, 123, 196) }
```

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

Here you see how a box with a 4 pixel rgb(229, 123, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 123, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 123, 196);  
box-shadow:4px 4px 4px 4px rgb(229, 123,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0160, 39.7430, 45.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 123, 196) }
```

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

```
.background{ background-color: rgb(229,  
123, 196) }
```

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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