

Converting Colors

YIQ(157.2460, 36.7600, 60.6960)

Have a look what the booklet for
YIQ(157.2460, 36.7600, 60.6960)
contains.

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Color

**YIQ(157.2460, 36.7600,
60.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	E66CDC
RGB	230, 108, 220
RGB Percent	90%, 42%, 86%
CMY	0.0977, 0.5766, 0.1372
CMYK	0.00, 0.53, 0.04, 0.10
HSL	305°, 71%, 66%
HSV	305°, 53%, 90%
XYZ	50.9401, 32.7207, 71.3515
YIQ	157.2460, 36.7600, 60.6960

Conversions

Conversions Part 2

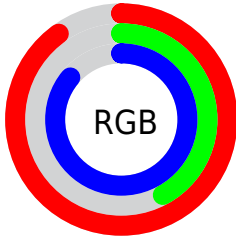
Format	Color
R _{YB}	230, 108, 220
Decimal	15101148
CIE _{Lab}	63.93, 61.60, -35.90
CIE _{LCh}	64, 71.296, 329.765
Yxy	32.7207, 0.3286, 0.2111
Android (android.graphics.Color)	4293291228 (0xFFE66CDC)
YUV	157.2460, 30.9377, 63.8053
Hunter-Lab	57.2020, 58.8560, -33.9146

Details

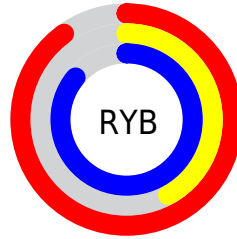
The YIQ color **157.2460, 36.7600, 60.6960** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.7540, -36.7600, -60.6960**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.5830, 25.0250, 47.5930**, and **100.1750, 35.5220, 61.1060** is the 20% darker color. If you saturate the color by 10%, you get **143.5170, 43.7270, 72.1030**, and if you desaturate by 10%, it is **170.9750, 29.7930, 49.2890**.

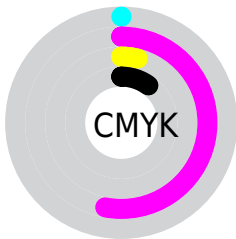
Distribution



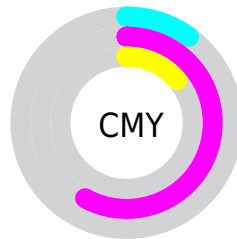
- Red (90%)
- Green (42%)
- Blue (86%)



- Red (90%)
- Yellow (42%)
- Blue (86%)



- Cyan (0%)
- Magenta (53%)
- Yellow (4%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.2460, 36.7600, 60.6960 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 157.2460, 36.7600, 60.6960 by changing the saturation by 10% instead.


 157.2460, 36.7600,
60.6960


 157.2460, 36.7600,
60.6960


255.0000, -0.0000,
-0.0000

 128.9470, 36.1640,
60.4840


 201.5830, 25.0250,
47.5930


 100.1750, 35.5220,
61.1060


 218.6060, 17.0500,
32.4260


 65.8320, 38.2260,
67.1700

 235.6290, 9.0750,
17.2590

 47.4520, 33.1840,
59.4240

 252.6520, 1.1000,
2.0920

 36.5290, 25.1170,
45.9250

 25.7200, 16.7290,
32.7370

 15.4380, 8.2950,

20.3830

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 157.2460, 36.7600,
60.6960

■ 157.2460, 36.7600,
60.6960

■ 143.5170, 43.7270,
72.1030

■ 170.9750, 29.7930,
49.2890

■ 129.7880, 50.6940,
83.5100

■ 184.7040, 22.8260,
37.8820

■ 116.0590, 57.6610,
94.9170

■ 198.4330, 15.8590,
26.4750

■ 102.3300, 64.6280,
106.3240

■ 212.1620, 8.8920,
15.0680

92.8240, 69.3490,
114.3810

225.8910, 1.9250,
3.6610

239.5060, -4.7210,
-8.0570

245.0170, -7.8380,
-12.1420

245.2450, -8.4800,
-11.5200

245.4730, -9.1220,
-10.8980

Harmonies

Analogous

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



155.2250, -29.8090, 39.1430



157.2460, 36.7600, 60.6960



146.5000, 76.7870, 56.6510

Triad

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



157.2460, 36.7600, 60.6960



144.5390, 68.4600, -40.2760



132.7460, -120.2570, -28.7450

Complementary

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



157.2460, 36.7600, 60.6960



180.7540, -36.7600, -60.6960

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.



125.3360, -99.3920, -48.9600



157.2460, 36.7600, 60.6960



138.3030, 18.8540, -55.3700

Square

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



157.2460, 36.7600, 60.6960



148.9610, 92.0200, -4.6840



114.9910, -77.1520, -66.5600



132.9690, -130.5300, -13.2660

Rectangle

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



157.2460, 36.7600, 60.6960



143.4730, 89.4440, 42.0200



114.9910, -77.1520, -66.5600



130.3520, -113.5160, -35.2760

Sweetspot

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



157.2460, 36.7600, 60.6960



230.5910, 12.2380, 20.5100



124.3000, -34.3940, 39.6380



113.0970, 7.5170, 12.4530



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.



157.2460, 36.7600, 60.6960



157.8370, 48.9980, 81.2060



150.5200, 55.6990, 42.3470



107.8420, 3.6210, 5.9650



72.2170, 54.0400, 88.9520



20.6070, 15.3090, 25.4290

Inverse Universe

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



157.2460, 36.7600, 60.6960



157.8370, 48.9980, 81.2060



187.4800, -55.6990, -42.3470



107.8420, 3.6210, 5.9650



72.2170, 54.0400, 88.9520



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 157.2460, 36.7600, 60.6960 looks on a white background.

Color Contrast Check

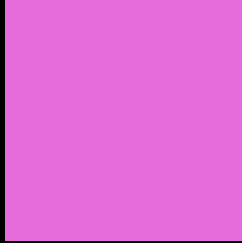
Large Text (above 18pt) WCAG AA × Fail

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 157.2460, 36.7600, 60.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

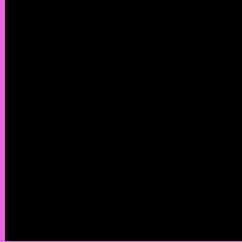
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.2460, 36.7600, 60.6960

Background



This preview shows how black text looks on a background with the YIQ color 157.2460, 36.7600, 60.6960.



This preview shows how white text looks on a background with the YIQ color 157.2460, 36.7600,

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

157.2460, 36.7600, 60.6960

Protanopia

152.3800, -55.7110, 23.9770

Deuteranopia

155.2410, -27.8790, 15.1690



Tritanopia

156.9470, 52.2180, 22.8260

Trichromacy



Original Color

157.2460, 36.7600, 60.6960



Protanomaly

154.0640, -22.1060, 37.2060



Deuteranomaly

156.0580, -4.7740, 31.4660



Tritanomaly

157.1550, 46.3010, 36.4530

Monochromacy



Original Color

157.2460, 36.7600, 60.6960



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.1290, 13.6590, 22.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.2460, 36.7600, 60.6960 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(230, 108, 220)` looks like.

```
.text, #text, p{  
    color:rgb(230, 108, 220)  
}
```

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(230, 108, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 108, 220) }
```

Border

The CSS property to change the border of an element to YIQ 157.2460, 36.7600, 60.6960 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(230, 108, 220) }
```


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

```
.border{ border-color:rgb(230, 108, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 108, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 108, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 108, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 108,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 157.2460, 36.7600, 60.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 108, 220) }
```

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

```
.background{ background-color: rgb(230,  
108, 220) }
```

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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