

Converting Colors

YIQ(153.3960, 52.8120, 34.0920)

Have a look what the booklet for
YIQ(153.3960, 52.8120, 34.0920)
contains.

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Color

**YIQ(153.3960, 52.8120,
34.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	E17599
RGB	225, 117, 153
RGB Percent	88%, 46%, 60%
CMY	0.1174, 0.5413, 0.3998
CMYK	0.00, 0.48, 0.32, 0.12
HSL	340°, 64%, 67%
HSV	340°, 48%, 88%
XYZ	43.1832, 31.0325, 33.8709
YIQ	153.3960, 52.8120, 34.0920

Conversions

Conversions Part 2

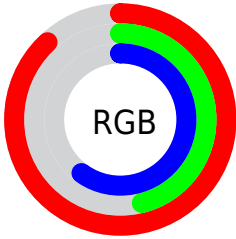
Format	Color
R _Y B	225, 117, 153
Decimal	14775705
CIE Lab	62.54, 45.87, -0.11
CIE LCh	63, 45.868, 359.864
Yxy	31.0325, 0.3995, 0.2871
Android (android.graphics.Color)	4292965785 (0xFFE17599)
YUV	153.3960, -0.1952, 62.7967
Hunter-Lab	55.7068, 40.8839, 2.9452

Details

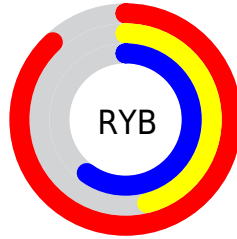
The YIQ color **153.3960, 52.8120, 34.0920** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.6040, -52.8120, -34.0920**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.8070, 38.2330, 28.4810**, and **99.1290, 49.1900, 33.6540** is the 20% darker color. If you saturate the color by 10%, you get **138.1850, 63.9520, 41.4560**, and if you desaturate by 10%, it is **168.0200, 41.9470, 27.2510**.

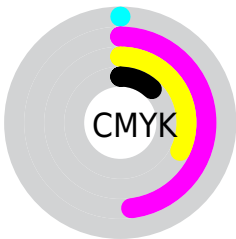
Distribution



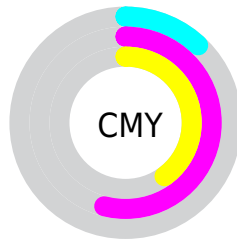
- Red (88%)
- Green (46%)
- Blue (60%)



- Red (88%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (12%)



- Cyan (12%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.3960, 52.8120, 34.0920 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 153.3960, 52.8120, 34.0920 by changing the saturation by 10% instead.

153.3960, 52.8120,
34.0920

153.3960, 52.8120,
34.0920

255.0000, -0.0000,
-0.0000

125.9120, 51.2990,
33.9790

200.2200, 38.5080,
29.0040

99.1290, 49.1900,
33.6540

220.4350, 21.5450,
22.5450

72.1720, 47.6310,
34.3750

239.1510, 7.4250,
14.1210

40.1600, 47.9050,
40.4250

28.9920, 39.1500,
28.3820

19.0090, 31.3120,
16.2400

8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 153.3960, 52.8120,
34.0920

■ 153.3960, 52.8120,
34.0920

■ 138.1850, 63.9520,
41.4560

■ 168.0200, 41.9470,
27.2510

■ 123.5610, 74.8170,
48.2970

■ 183.2310, 30.8070,
19.8870

■ 108.3500, 85.9570,
55.6610

■ 197.8550, 19.9420,
13.0460

■ 93.7260, 96.8220,
62.5020

■ 213.0660, 8.8020,
5.6820

■ 78.5150, 107.9620,
69.8660

■ 227.6900, -2.0630,
-1.1590

■ 75.8250, 110.0250,
71.0250

■ 242.9010,
-13.2030, -8.5230

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



155.4760, 23.4680, 37.2600



153.3960, 52.8120, 34.0920



151.4830, 65.1480, 19.7720

Triad

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



153.3960, 52.8120, 34.0920



143.4650, 10.5510, -31.5370



122.6360, -116.5910, -18.0870

Complementary

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



153.3960, 52.8120, 34.0920



188.6040, -52.8120, -34.0920

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.



122.1510, -108.3360, -30.0320



153.3960, 52.8120, 34.0920



135.5600, -32.3170, -36.5810

Square

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



153.3960, 52.8120, 34.0920



147.4260, 41.8180, -19.9900



118.0640, -95.4500, -43.3060



141.0430, -71.4800, 6.8880

Rectangle

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



153.3960, 52.8120, 34.0920



150.5670, 64.3710, 6.3150



118.0640, -95.4500, -43.3060



122.8980, -114.5730, -21.6210

Sweetspot

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



153.3960, 52.8120, 34.0920



231.1320, 17.6040, 11.3640



150.2420, 7.0520, 48.4280



113.3760, 10.8650, 6.8410



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.



153.3960, 52.8120, 34.0920



156.8380, 72.4790, 46.6150



158.6840, 59.9680, 14.5280



104.7450, 5.2720, 3.5760



59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Inverse Universe

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



153.3960, 52.8120, 34.0920



156.8380, 72.4790, 46.6150



183.3160, -59.9680, -14.5280



104.7450, 5.2720, 3.5760



59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 153.3960, 52.8120, 34.0920 looks on a white background.

Color Contrast Check

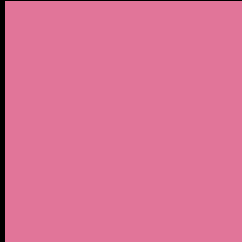
Large Text (above 18pt) WCAG AA × Fail

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 153.3960, 52.8120, 34.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

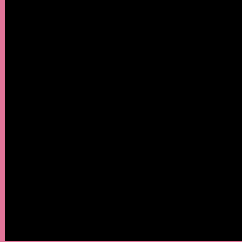
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.3960, 52.8120, 34.0920

Background



This preview shows how black text looks on a background with the YIQ color 153.3960, 52.8120, 34.0920.



This preview shows how white text looks on a background with the YIQ color 153.3960, 52.8120,

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

153.3960, 52.8120, 34.0920

Protanopia

152.6110, -8.8500, 6.2060

Deuteranopia

153.3930, 12.1950, 4.7630



Tritanopia

152.5240, 57.9030, 24.4230

Trichromacy



Original Color

153.3960, 52.8120, 34.0920

Protanomaly

153.1410, 13.3850, 16.2410

Deuteranomaly

153.4430, 27.0940, 15.5900

Tritanomaly

153.1480, 56.2060, 27.6460

Monochromacy



Original Color

153.3960, 52.8120, 34.0920

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1430, 19.0710, 12.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3960, 52.8120, 34.0920 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(225, 117, 153)` looks like.

```
.text, #text, p{  
    color:rgb(225, 117, 153)  
}
```

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(225, 117, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 117, 153) }
```

Border

The CSS property to change the border of an element to YIQ 153.3960, 52.8120, 34.0920 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(225, 117, 153) }
```


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

```
.border{ border-color:rgb(225, 117, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 117, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 117, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 117, 153);  
box-shadow:4px 4px 4px 4px rgb(225, 117,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3960, 52.8120, 34.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 117, 153) }
```

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

```
.background{ background-color: rgb(225,  
117, 153) }
```

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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