

Converting Colors

YIQ(159.7170, 56.3420, 36.1980)

Have a look what the booklet for
YIQ(159.7170, 56.3420, 36.1980)
contains.

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Color

**YIQ(159.7170, 56.3420,
36.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	EC799F
RGB	236, 121, 159
RGB Percent	93%, 47%, 62%
CMY	0.0742, 0.5257, 0.3763
CMYK	0.00, 0.49, 0.33, 0.07
HSL	340°, 75%, 70%
HSV	340°, 49%, 93%
XYZ	47.7111, 34.0138, 36.8741
YIQ	159.7170, 56.3420, 36.1980

Conversions

Conversions Part 2

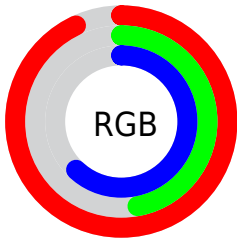
Format	Color
R_{YB}	236, 121, 159
Decimal	15497631
CIE _{Lab}	64.97, 48.35, 0.20
CIE _{LCh}	65, 48.348, 0.240
Yxy	34.0138, 0.4023, 0.2868
Android (android.graphics.Color)	4293687711 (0xFFEC799F)
YUV	159.7170, -0.3535, 66.9002
Hunter-Lab	58.3213, 43.9635, 3.3384

Details

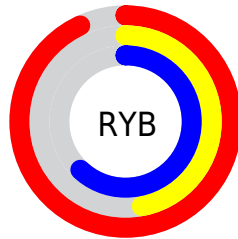
The YIQ color **159.7170, 56.3420, 36.1980** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **197.2830, -56.3420, -36.1980**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9530, 34.8860, 28.5660**, and **105.1510, 52.1240, 35.5480** is the 20% darker color. If you saturate the color by 10%, you get **143.8050, 68.0780, 43.7740**, and if you desaturate by 10%, it is **175.6290, 44.6060, 28.6220**.

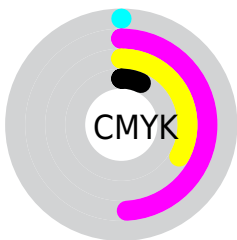
Distribution



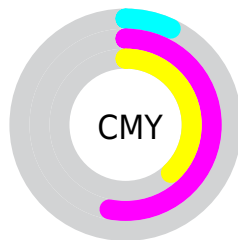
- Red (93%)
- Green (47%)
- Blue (62%)



- Red (93%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.7170, 56.3420, 36.1980 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 159.7170, 56.3420, 36.1980 by changing the saturation by 10% instead.


 159.7170, 56.3420,
36.1980


 159.7170, 56.3420,
36.1980


255.0000, -0.0000,
-0.0000


 131.9340, 54.2330,
35.8730


 203.9530, 34.8860,
28.5660


 105.1510, 52.1240,
35.5480


 223.5810, 18.1980,
22.6300

 77.6070, 50.8400,
36.7920

 242.0860, 6.0500,
11.5060

 44.5950, 51.1140,
42.8420

 32.2530, 42.9090,
31.8450

 21.7860, 33.5580,
19.5900

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 159.7170, 56.3420,
36.1980

■ 159.7170, 56.3420,
36.1980

■ 143.8050, 68.0780,
43.7740

■ 175.6290, 44.6060,
28.6220

■ 128.4800, 79.5390,
50.8270

■ 190.9540, 33.1450,
21.5690

■ 112.6820, 90.9540,
58.7140

■ 206.7520, 21.7300,
13.6820

■ 97.3570, 102.4150,
65.7670

■ 222.0770, 10.2690,
6.6290

■ 81.4450, 114.1510,
73.3430

■ 237.9890, -1.4670,
-0.9470

■ 79.4560, 115.6180,
74.2900

■ 249.2050,
-11.0030, -4.3390

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



162.3130, 25.4850, 39.2530



159.7170, 56.3420, 36.1980



158.0490, 69.3660, 20.4220

Triad

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



159.7170, 56.3420, 36.1980



149.2970, 10.9640, -33.5160



127.9990, -122.0470, -18.3270

Complementary

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



159.7170, 56.3420, 36.1980



197.2830, -56.3420, -36.1980

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.



127.8730, -113.4250, -31.4170



159.7170, 56.3420, 36.1980



141.0110, -35.2050, -39.3090

Square

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



159.7170, 56.3420, 36.1980



153.4540, 44.6150, -21.1210



122.9710, -99.6220, -44.7900



146.2320, -76.3860, 7.6940

Rectangle

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



159.7170, 56.3420, 36.1980



156.5350, 67.3970, 6.5410



122.9710, -99.6220, -44.7900



128.7340, -119.9830, -22.6950

Sweetspot

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



159.7170, 56.3420, 36.1980



229.7300, 18.7960, 11.7880



157.1330, 8.9770, 52.0890



112.6750, 11.4610, 7.0530



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.



159.7170, 56.3420, 36.1980



155.4360, 73.6710, 47.0390



166.5380, 63.3150, 14.4430



109.6310, 5.5930, 3.2650



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Inverse Universe

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



159.7170, 56.3420, 36.1980



155.4360, 73.6710, 47.0390



190.4620, -63.3150, -14.4430



109.6310, 5.5930, 3.2650



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 159.7170, 56.3420, 36.1980 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 159.7170, 56.3420, 36.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

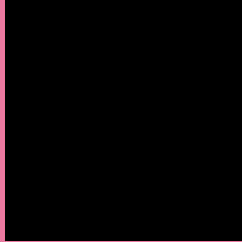
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7170, 56.3420, 36.1980

Background



This preview shows how black text looks on a background with the YIQ color 159.7170, 56.3420, 36.1980.



This preview shows how white text looks on a background with the YIQ color 159.7170, 56.3420,

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

159.7170, 56.3420, 36.1980

Protanopia

158.8390, -9.4920, 6.8280

Deuteranopia

159.6920, 12.7910, 4.9750



Tritanopia

158.7310, 61.7540, 26.2180

Trichromacy



Original Color

159.7170, 56.3420, 36.1980

Protanomaly

159.2660, 14.5310, 17.4990

Deuteranomaly

159.4540, 28.5610, 16.5370

Tritanomaly

159.4690, 59.7360, 29.7520

Monochromacy



Original Color

159.7170, 56.3420, 36.1980

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1540, 20.5380, 13.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7170, 56.3420, 36.1980 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(236, 121, 159)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 159)  
}
```

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(236, 121, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 159) }
```

Border

The CSS property to change the border of an element to YIQ 159.7170, 56.3420, 36.1980 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(236, 121, 159) }
```


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

```
.border{ border-color:rgb(236, 121, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 159);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7170, 56.3420, 36.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 159) }
```

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

```
.background{ background-color: rgb(236,  
121, 159) }
```

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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