

Converting Colors

YIQ(144.9050, 34.8410, 23.8730)

Have a look what the booklet for
YIQ(144.9050, 34.8410, 23.8730)
contains.

YIQ(144.9050, 34.8410, 23.8730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(144.9050, 34.8410,
23.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	C17893
RGB	193, 120, 147
RGB Percent	76%, 47%, 58%
CMY	0.2429, 0.5295, 0.4234
CMYK	0.00, 0.38, 0.24, 0.24
HSL	338°, 37%, 61%
HSV	338°, 38%, 76%
XYZ	33.9863, 26.8769, 31.0126
YIQ	144.9050, 34.8410, 23.8730

Conversions

Conversions Part 2

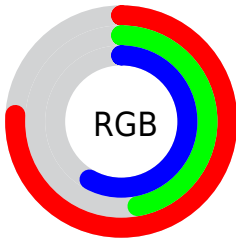
Format	Color
R_{YB}	193, 120, 147
Decimal	12679315
CIE _{Lab}	58.86, 32.21, -2.52
CIE _{LCh}	59, 32.313, 355.526
Yxy	26.8769, 0.3699, 0.2925
Android (android.graphics.Color)	4290869395 (0xFFC17893)
YUV	144.9050, 1.0328, 42.1793
Hunter-Lab	51.8430, 26.2927, 0.8227

Details

The YIQ color **144.9050, 34.8410, 23.8730** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.0950, -34.8410, -23.8730**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.5140, 37.5000, 25.2440**, and **93.4100, 31.8610, 22.8130** is the 20% darker color. If you saturate the color by 10%, you get **132.3840, 43.9180, 30.0780**, and if you desaturate by 10%, it is **157.4260, 25.7640, 17.6680**.

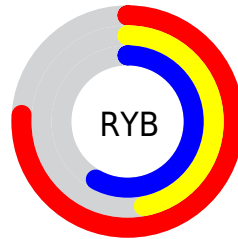
Distribution



Red (76%)

Green (47%)

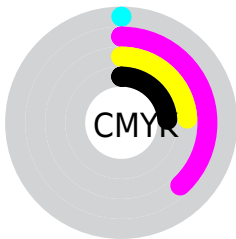
Blue (58%)



Red (76%)

Yellow (47%)

Blue (58%)

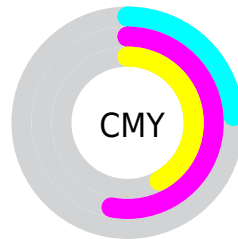


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.9050, 34.8410, 23.8730 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 144.9050, 34.8410, 23.8730 by changing the saturation by 10% instead.


 144.9050, 34.8410,
23.8730


 144.9050, 34.8410,
23.8730


255.0000, -0.0000,
-0.0000

 118.3070, 33.6490,
23.4490


 199.5140, 37.5000,
25.2440


 93.4100, 31.8610,
22.8130


 220.3380, 23.1960,
20.1560

 68.5130, 30.0730,
22.1770

 239.7380, 7.1500,
13.5980

 43.4420, 28.8350,
22.5870

 21.2460, 26.4510,
21.7390

 12.3020, 22.8770,
9.4130

 0.0000, 0.0000,

0.0000

144.9050, 34.8410,
23.8730

144.9050, 34.8410,
23.8730

132.3840, 43.9180,
30.0780

157.4260, 25.7640,
17.6680

119.2760, 53.2700,
36.8060

170.5340, 16.4120,
10.9400

106.7550, 62.3470,
43.0110

183.1690, 7.0140,
5.0460

94.1200, 71.7450,
48.9050

195.6900, -2.0630,
-1.1590

81.0120, 81.0970,
55.6330

208.2110,
-11.1400, -7.3640

68.4910, 90.1740,
61.8380

221.3190,
-20.4920, -14.0920

■ 65.8010, 92.2370,
62.9970

■ 233.8400,
-29.5690, -20.2970

■ 235.2080,
-33.4210, -16.5650

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



145.5250, 12.6040, 24.8920



144.9050, 34.8410, 23.8730



143.4960, 45.9380, 15.4900

Triad

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



144.9050, 34.8410, 23.8730



137.2130, 11.7410, -20.0590



124.3990, -76.1990, -12.2230

Complementary

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



144.9050, 34.8410, 23.8730



168.0950, -34.8410, -23.8730

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.



118.7540, -79.1770, -24.3370



144.9050, 34.8410, 23.8730



132.7350, -16.2720, -24.4960

Square

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



144.9050, 34.8410, 23.8730



139.7320, 32.5090, -10.9710



127.0980, -48.0910, -26.0350



136.3800, -47.6840, 5.1480

Rectangle

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



144.9050, 34.8410, 23.8730



142.6990, 46.4440, 6.3160



127.0980, -48.0910, -26.0350



120.3010, -81.9750, -17.6790

Sweetspot

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



144.9050, 34.8410, 23.8730



231.6260, 13.1570, 9.3570



141.7770, 3.3870, 32.2430



114.4680, 7.6100, 5.2580



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.9050, 34.8410, 23.8730



175.5750, 53.8660, 37.0180



146.5230, 41.3080, 11.2920



90.4460, 4.6760, 3.3640



54.8650, 77.0170, 52.4810



11.2350, 15.8160, 10.7280

Inverse Universe

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



144.9050, 34.8410, 23.8730



175.5750, 53.8660, 37.0180



166.4770, -41.3080, -11.2920



90.4460, 4.6760, 3.3640



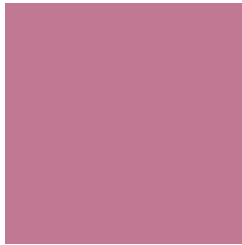
54.8650, 77.0170, 52.4810



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 144.9050, 34.8410, 23.8730 looks on a white background.

Color Contrast Check

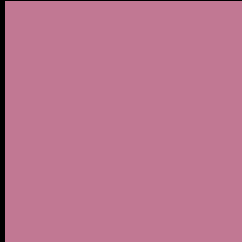
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.9050, 34.8410, 23.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

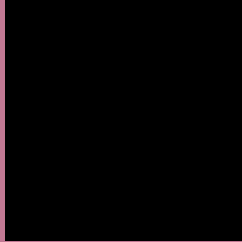
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.9050, 34.8410, 23.8730

Background



This preview shows how black text looks on a background with the YIQ color 144.9050, 34.8410, 23.8730.



This preview shows how white text looks on a background with the YIQ color 144.9050, 34.8410,

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

144.9050, 34.8410, 23.8730

Protanopia

142.5680, -7.2910, 5.4850

Deuteranopia

143.7670, 8.2060, 5.4700



Tritanopia

144.3580, 37.6390, 17.2150

Trichromacy



Original Color

144.9050, 34.8410, 23.8730

Protanomaly

143.2820, 8.4340, 12.3540

Deuteranomaly

143.9580, 18.1540, 12.4100

Tritanomaly

144.6400, 36.9050, 19.5050

Monochromacy



Original Color

144.9050, 34.8410, 23.8730

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9050, 34.8410, 23.8730 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(193, 120, 147)` looks like.

```
.text, #text, p{  
    color:rgb(193, 120, 147)  
}
```

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(193, 120, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 120, 147) }
```

Border

The CSS property to change the border of an element to YIQ 144.9050, 34.8410, 23.8730 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(193, 120, 147) }
```


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

```
.border{ border-color:rgb(193, 120, 147) }
```

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

Here you see how a box with a 4 pixel rgb(193, 120, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 120, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 120, 147);  
box-shadow:4px 4px 4px 4px rgb(193, 120,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9050, 34.8410, 23.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 120, 147) }
```

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

```
.background{ background-color: rgb(193,  
120, 147) }
```

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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