

Converting Colors

YIQ(199.2400, 34.6150, 5.9350)

Have a look what the booklet for
YIQ(199.2400, 34.6150, 5.9350)
contains.

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Color

**YIQ(199.2400, 34.6150,
5.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBAAB
RGB	236, 186, 171
RGB Percent	93%, 73%, 67%
CMY	0.0744, 0.2706, 0.3293
CMYK	0.00, 0.21, 0.28, 0.07
HSL	14°, 63%, 80%
HSV	14°, 28%, 93%
XYZ	59.5101, 55.8883, 46.1981
YIQ	199.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

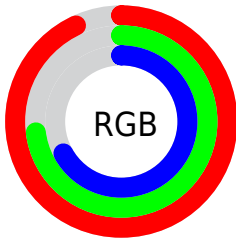
Format	Color
R_{YB}	236, 191, 171
Decimal	15514283
CIE _{Lab}	79.55, 15.89, 14.46
CIE _{LCh}	80, 21.484, 42.289
Yxy	55.8883, 0.3683, 0.3459
Android (android.graphics.Color)	4293704363 (0xFFECBAAB)
YUV	199.2400, -13.9223, 32.2385
Hunter-Lab	74.7585, 11.2643, 15.6918

Details

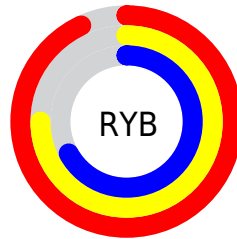
The YIQ color $199.2400, 34.6150, 5.9350$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $207.7600, -34.6150, -5.9350$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.0630, 12.8840, -2.2200$, and $145.1580, 31.9100, 5.3980$ is the 20% darker color. If you saturate the color by 10%, you get $185.9380, 47.2690, 7.8850$, and if you desaturate by 10%, it is $212.5420, 21.9610, 3.9850$.

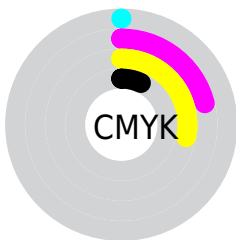
Distribution



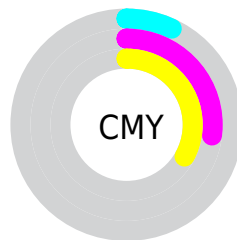
- Red (93%)
- Green (73%)
- Blue (67%)



- Red (93%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2400, 34.6150, 5.9350 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 199.2400, 34.6150, 5.9350 by changing the saturation by 10% instead.


 199.2400, 34.6150,
5.9350


 199.2400, 34.6150,
5.9350


255.0000, -0.0000,
-0.0000


 171.7560, 33.1020,
5.8220


 244.0630, 12.8840,
-2.2200

 145.1580, 31.9100,
5.3980

 118.9730, 30.9930,
5.4970

 94.0760, 29.2050,
4.8610

 70.2930, 27.0960,
4.5360

 46.9230, 25.2620,
4.7340

 24.4560, 25.0790,

2.5430

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 199.2400, 34.6150,
5.9350

■ 199.2400, 34.6150,
5.9350

■ 185.9380, 47.2690,
7.8850

■ 212.5420, 21.9610,
3.9850

■ 172.7500, 59.6020,
10.1460

■ 225.7300, 9.6280,
1.7240

■ 158.8610, 72.5310,
12.6190

■ 239.6190, -3.3010,
-0.7490

■ 145.6730, 84.8640,
14.8800

■ 249.3190,
-11.3240, -4.0280

■ 132.3710, 97.5180,
16.8300

■ 119.0690,
110.1720, 18.7800

■ 105.8810,
122.5050, 21.0410

■ 102.2620,
125.8060, 21.7900

Harmonies

Analogous

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



200.4280, 31.4500, 13.7380



199.2400, 34.6150, 5.9350



197.8060, 29.6650, -3.4790

Triad

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



199.2400, 34.6150, 5.9350



190.9120, -20.9040, -17.6400



197.2710, -19.3960, 10.1080

Complementary

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



199.2400, 34.6150, 5.9350



207.7600, -34.6150, -5.9350

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.



193.2040, -35.6250, 1.3590



199.2400, 34.6150, 5.9350



189.4080, -36.8600, -14.8120

Square

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



199.2400, 34.6150, 5.9350



192.9050, -1.8310, -16.3830



189.9870, -42.6840, -8.3800



199.9100, 0.9140, 16.4820

Rectangle

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



199.2400, 34.6150, 5.9350



196.0390, 21.4590, -8.9490



189.9870, -42.6840, -8.3800



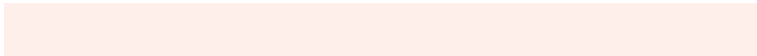
195.8680, -25.6310, 7.4650

Sweetspot

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



199.2400, 34.6150, 5.9350



243.3280, 10.8200, 2.1480



196.2490, 22.3690, 29.6410



120.6480, 6.9230, 1.1870



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.



199.2400, 34.6150, 5.9350



207.2690, 44.8390, 7.8710



218.0240, 25.8150, -10.8010



110.4630, 6.0060, 1.2860



78.7730, 96.3260, 16.4060



23.1900, 28.8840, 5.1720

Inverse Universe

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



207.7600, -34.6150, -5.9350



218.7310, -44.8390, -7.8710



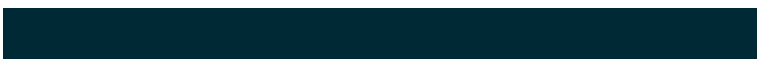
188.9760, -25.8150, 10.8010



112.5370, -6.0060, -1.2860



102.2270, -96.3260, -16.4060



30.2230, -28.6090, -4.6490

Previews

White Background



This preview shows how the YIQ color 199.2400, 34.6150, 5.9350 looks on a white background.

Color Contrast Check

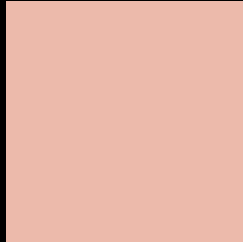
Large Text (above 18pt) WCAG AA × Fail

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 199.2400, 34.6150, 5.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

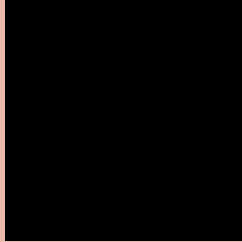
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.2400, 34.6150, 5.9350

Background



This preview shows how black text looks on a background with the YIQ color 199.2400, 34.6150, 5.9350.



This preview shows how white text looks on a background with the YIQ color 199.2400, 34.6150,

5.9350.

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

199.2400, 34.6150, 5.9350

Protanopia

197.4110, 11.7840, -4.3120

Deuteranopia

198.4840, 27.8760, 1.4120



Tritanopia

200.6390, 29.4780, 16.4380

Trichromacy



Original Color

199.2400, 34.6150, 5.9350

Protanomaly

198.1240, 20.0820, -0.5100

Deuteranomaly

199.0930, 30.5350, 2.7830

Tritanomaly

199.9010, 31.4960, 12.9040

Monochromacy



Original Color

199.2400, 34.6150, 5.9350

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8120, 12.3330, 2.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2400, 34.6150, 5.9350 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, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 171)  
}
```

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, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 171) }
```

Border

The CSS property to change the border of an element to YIQ 199.2400, 34.6150, 5.9350 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, 186, 171) }
```


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

```
.border{ border-color:rgb(236, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2400, 34.6150, 5.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 171) }
```

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

```
.background{ background-color: rgb(236,  
186, 171) }
```

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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