

Converting Colors

YIQ(175.5640, 24.8950, 5.8790)

Have a look what the booklet for
YIQ(175.5640, 24.8950, 5.8790)
contains.

YIQ(175.5640, 24.8950, 5.8790)	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(175.5640, 24.8950,
5.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA59E
RGB	203, 165, 158
RGB Percent	80%, 65%, 62%
CMY	0.2038, 0.3530, 0.3803
CMYK	0.00, 0.19, 0.22, 0.20
HSL	9°, 30%, 71%
HSV	9°, 22%, 80%
XYZ	44.2607, 42.0736, 38.1480
YIQ	175.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

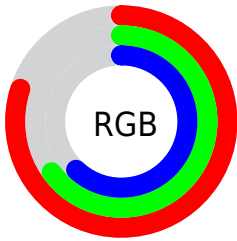
Format	Color
R _Y B	203, 166, 158
Decimal	13346206
CIE Lab	70.92, 12.89, 8.87
CIE LCh	71, 15.647, 34.537
Yxy	42.0736, 0.3556, 0.3380
Android (android.graphics.Color)	4291536286 (0xFFCBA59E)
YUV	175.5640, -8.6591, 24.0614
Hunter-Lab	64.8642, 8.2888, 10.5352

Details

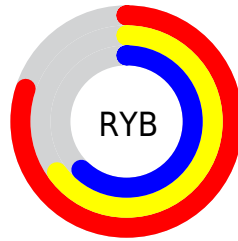
The YIQ color **175.5640, 24.8950, 5.8790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.4360, -24.8950, -5.8790**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.6670, 23.1070, 5.2430**, and **122.7810, 22.7860, 5.5540** is the 20% darker color. If you saturate the color by 10%, you get **163.3050, 35.9900, 8.5500**, and if you desaturate by 10%, it is **187.8230, 13.8000, 3.2080**.

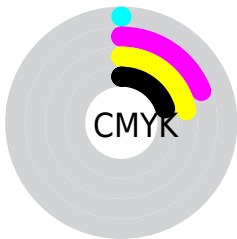
Distribution



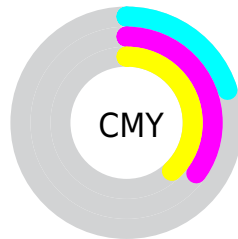
- Red (80%)
- Green (65%)
- Blue (62%)



- Red (80%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5640, 24.8950, 5.8790 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 175.5640, 24.8950, 5.8790 by changing the saturation by 10% instead.


 175.5640, 24.8950,
5.8790

 175.5640, 24.8950,
5.8790


255.0000, -0.0000,
-0.0000


 148.9660, 23.7030,
5.4550


 229.6670, 23.1070,
5.2430


 122.7810, 22.7860,
5.5540

 249.8820, 6.1440,
-1.2160

 98.1830, 21.5940,
5.1300

 73.9980, 20.6770,
5.2290

 51.1010, 18.8890,
4.5930

 29.2040, 17.1010,
3.9570

 8.3720, 16.6880,

5.9360

■ 0.0000, 0.0000,
0.0000

■ 175.5640, 24.8950,
5.8790

■ 175.5640, 24.8950,
5.8790

■ 163.3050, 35.9900,
8.5500

■ 187.8230, 13.8000,
3.2080

■ 150.9320, 47.4060,
10.9100

■ 200.1960, 2.3840,
0.8480

■ 138.6730, 58.5010,
13.5810

■ 212.4550, -8.7110,
-1.8230

■ 125.8270, 69.8710,
16.7750

■ 225.3010,
-20.0810, -5.0170

■ 113.5680, 80.9660,
19.4460

■ 237.1040,
-29.8920, -8.9320

■ 101.1950, 92.3820,
21.8060

■ 239.4520,
-30.9920, -11.0240

■ 88.9360, 103.4770,
24.4770

■ 78.8940, 112.4630,
26.8230

Harmonies

Analogous

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



176.5730, 20.6760, 10.7560



175.5640, 24.8950, 5.8790



174.6790, 22.8330, -0.8070

Triad

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



175.5640, 24.8950, 5.8790



169.7500, -11.4600, -12.5800



173.3050, -16.7360, 5.9520

Complementary

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



175.5640, 24.8950, 5.8790



185.4360, -24.8950, -5.8790

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.



170.5270, -26.4090, -0.4650



175.5640, 24.8950, 5.8790



168.3450, -23.3810, -11.2930

Square

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



175.5640, 24.8950, 5.8790



171.5190, 2.4320, -11.0400



168.7560, -28.7920, -6.8400



175.1820, -3.0280, 10.8280

Rectangle

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



175.5640, 24.8950, 5.8790



173.7060, 18.2030, -5.0050



168.7560, -28.7920, -6.8400



172.6850, -20.8620, 3.6340

Sweetspot

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



175.5640, 24.8950, 5.8790



244.1430, 9.9030, 2.2470



175.7870, 14.6220, 21.3580



121.4630, 6.0060, 1.2860



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.



175.5640, 24.8950, 5.8790



213.0880, 38.0990, 8.8750



188.4780, 18.8450, -5.6270



95.5770, 5.6850, 1.5970



64.8960, 91.7860, 21.5940



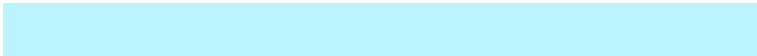
14.8840, 20.9980, 4.9180

Inverse Universe

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



185.4360, -24.8950, -5.8790



227.9120, -38.0990, -8.8750



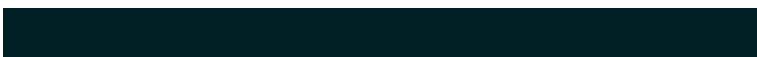
172.5220, -18.8450, 5.6270



97.8360, -5.4100, -1.0740



101.1040, -91.7860, -21.5940



23.1160, -20.9980, -4.9180

Previews

White Background



This preview shows how the YIQ color 175.5640, 24.8950, 5.8790 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 175.5640, 24.8950, 5.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

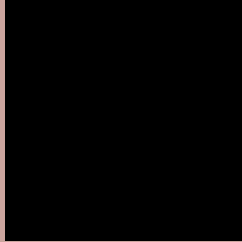
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5640, 24.8950, 5.8790

Background



This preview shows how black text looks on a background with the YIQ color 175.5640, 24.8950, 5.8790.



This preview shows how white text looks on a background with the YIQ color 175.5640, 24.8950,

5.8790.

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

175.5640, 24.8950, 5.8790

Protanopia

173.8390, 7.7030, -1.9370

Deuteranopia

175.5310, 20.4940, 3.0380



Tritanopia

176.3390, 21.4550, 13.1590

Trichromacy



Original Color

175.5640, 24.8950, 5.8790

Protanomaly

174.3560, 13.6170, 1.0170

Deuteranomaly

175.5420, 21.9610, 3.9850

Tritanomaly

175.9430, 22.5100, 10.5580

Monochromacy



Original Color

175.5640, 24.8950, 5.8790

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.8440, 9.3070, 2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5640, 24.8950, 5.8790 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(203, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(203, 165, 158)  
}
```

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(203, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 165, 158) }
```

Border

The CSS property to change the border of an element to YIQ 175.5640, 24.8950, 5.8790 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(203, 165, 158) }
```


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

```
.border{ border-color:rgb(203, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(203, 165,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5640, 24.8950, 5.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 165, 158) }
```

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

```
.background{ background-color: rgb(203,  
165, 158) }
```

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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