

Converting Colors

YIQ(163.9990, 28.1040, 8.2960)

Have a look what the booklet for
YIQ(163.9990, 28.1040, 8.2960)
contains.

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Color

**YIQ(163.9990, 28.1040,
8.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	C49793
RGB	196, 151, 147
RGB Percent	77%, 59%, 58%
CMY	0.2313, 0.4079, 0.4234
CMYK	0.00, 0.23, 0.25, 0.23
HSL	5°, 29%, 67%
HSV	5°, 25%, 77%
XYZ	39.1042, 35.9740, 32.4984
YIQ	163.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

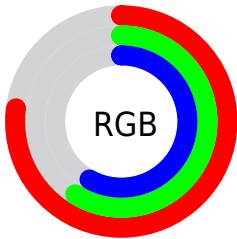
Format	Color
R _Y B	196, 151, 147
Decimal	12883859
CIE Lab	66.50, 16.27, 8.58
CIE LCh	67, 18.397, 27.808
Yxy	35.9740, 0.3635, 0.3344
Android (android.graphics.Color)	4291073939 (0xFFC49793)
YUV	163.9990, -8.3805, 28.0649
Hunter-Lab	59.9783, 11.4151, 9.8593

Details

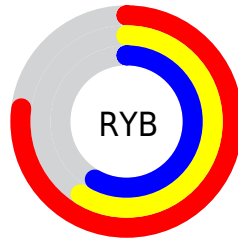
The YIQ color **163.9990, 28.1040, 8.2960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.0010, -28.1040, -8.2960**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8960, 29.8920, 8.9320**, and **111.8030, 25.7200, 7.4480** is the 20% darker color. If you saturate the color by 10%, you get **151.1530, 39.4740, 11.4900**, and if you desaturate by 10%, it is **176.8450, 16.7340, 5.1020**.

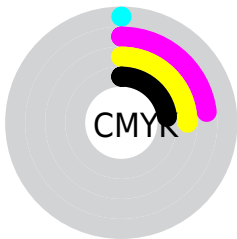
Distribution



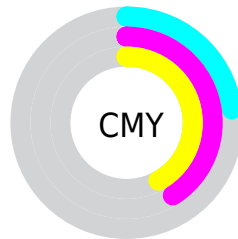
- Red (77%)
- Green (59%)
- Blue (58%)



- Red (77%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.9990, 28.1040, 8.2960 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 163.9990, 28.1040, 8.2960 by changing the saturation by 10% instead.


 163.9990, 28.1040,
8.2960


 163.9990, 28.1040,
8.2960


255.0000, -0.0000,
-0.0000


 137.4010, 26.9120,
7.8720


 218.8960, 29.8920,
8.9320


 111.9170, 25.3990,
7.7590

 239.7090, 14.1210,
2.8970

 87.3190, 24.2070,
7.3350

 63.7210, 23.0150,
6.9110

 40.9380, 20.9060,
6.5860

 18.5960, 21.8690,
5.6530

 0.8970, 1.7880,

0.6360

0.0000, 0.0000,
0.0000

163.9990, 28.1040,
8.2960

163.9990, 28.1040,
8.2960

151.1530, 39.4740,
11.4900

176.8450, 16.7340,
5.1020

138.4210, 50.5230,
14.9950

189.5770, 5.6850,
1.5970

125.5750, 61.8930,
18.1890

202.4230, -5.6850,
-1.5970

112.8430, 72.9420,
21.6940

215.1550,
-16.7340, -5.1020

99.9970, 84.3120,
24.8880

228.0010,
-28.1040, -8.2960

■ 87.1510, 95.6820,
28.0820

■ 237.3590,
-35.1640, -12.5080

■ 74.4190, 106.7310,
31.5870

■ 67.9960, 112.4160,
33.1840

Harmonies

Analogous

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



164.7520, 21.7300, 13.6820



163.9990, 28.1040, 8.2960



162.7720, 27.0050, 0.6770

Triad

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



163.9990, 28.1040, 8.2960



157.1800, -9.8550, -14.1350



160.5430, -23.3380, 4.4540

Complementary

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



163.9990, 28.1040, 8.2960



179.0010, -28.1040, -8.2960

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.



156.9390, -33.5610, -3.0090



163.9990, 28.1040, 8.2960



155.3940, -25.0770, -13.5970

Square

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



163.9990, 28.1040, 8.2960



159.1450, 6.4210, -11.7470



155.4240, -33.7890, -9.8930



163.2570, -7.6130, 11.3230

Rectangle

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



163.9990, 28.1040, 8.2960



161.6850, 22.6960, -3.8320



155.4240, -33.7890, -9.8930



159.0370, -27.7850, 2.4470

Sweetspot

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



163.9990, 28.1040, 8.2960



243.5560, 10.1780, 2.7700



166.8950, 14.4380, 24.6940



120.8760, 6.2810, 1.8090



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.



163.9990, 28.1040, 8.2960



205.2460, 43.6460, 12.9740



178.0870, 21.5040, -4.2560



90.5770, 5.6850, 1.5970



55.7700, 92.3810, 27.3330



11.6280, 18.8430, 5.4270

Inverse Universe

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



179.0010, -28.1040, -8.2960



228.7540, -43.6460, -12.9740



164.9130, -21.5040, 4.2560



93.4230, -5.6850, -1.5970



105.2300, -92.3810, -27.3330



21.3720, -18.8430, -5.4270

Previews

White Background



This preview shows how the YIQ color 163.9990, 28.1040, 8.2960 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 163.9990, 28.1040, 8.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

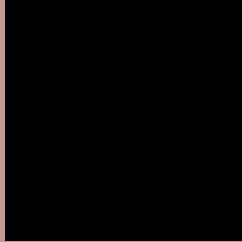
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.9990, 28.1040, 8.2960

Background



This preview shows how black text looks on a background with the YIQ color 163.9990, 28.1040, 8.2960.



This preview shows how white text looks on a background with the YIQ color 163.9990, 28.1040,

8.2960.

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

163.9990, 28.1040, 8.2960

Protanopia

161.8820, 6.1440, -1.2160

Deuteranopia

162.9330, 19.3020, 2.6140



Tritanopia

164.9050, 25.6730, 13.8090

Trichromacy



Original Color

163.9990, 28.1040, 8.2960

Protanomaly

162.5950, 14.4420, 2.5860

Deuteranomaly

163.2540, 22.8320, 4.7200

Tritanomaly

164.6230, 26.4070, 11.5190

Monochromacy



Original Color

163.9990, 28.1040, 8.2960

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9690, 10.4530, 3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9990, 28.1040, 8.2960 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(196, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 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(196, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 147) }
```

Border

The CSS property to change the border of an element to YIQ 163.9990, 28.1040, 8.2960 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(196, 151, 147) }
```


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

```
.border{ border-color:rgb(196, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9990, 28.1040, 8.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 147) }
```

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

```
.background{ background-color: rgb(196,  
151, 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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