

Converting Colors

YIQ(153.7950, 28.1980, -4.4260)

Have a look what the booklet for
YIQ(153.7950, 28.1980, -4.4260)
contains.

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Color

**YIQ(153.7950, 28.1980,
-4.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	B29573
RGB	178, 149, 115
RGB Percent	70%, 58%, 45%
CMY	0.3019, 0.4157, 0.5489
CMYK	0.00, 0.16, 0.35, 0.30
HSL	32°, 29%, 57%
HSV	32°, 35%, 70%
XYZ	32.2049, 32.1960, 20.7474
YIQ	153.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

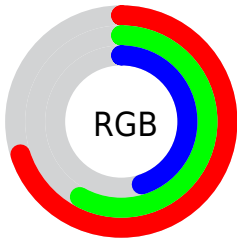
Format	Color
RYB	169, 178, 115
Decimal	11703667
CIELab	63.50, 5.88, 21.99
CIELCh	64, 22.762, 75.018
Yxy	32.1960, 0.3782, 0.3781
Android (android.graphics.Color)	4289893747 (0xFFB29573)
YUV	153.7950, -19.1259, 21.2278
Hunter-Lab	56.7416, 2.0139, 18.0399

Details

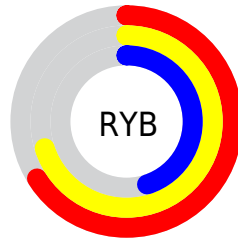
The YIQ color **153.7950, 28.1980, -4.4260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **139.2050, -28.1980, 4.4260**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.4640, 30.6280, -4.4120**, and **102.2400, 25.4470, -4.1290** is the 20% darker color. If you saturate the color by 10%, you get **147.0470, 36.1760, -5.8400**, and if you desaturate by 10%, it is **160.5430, 20.2200, -3.0120**.

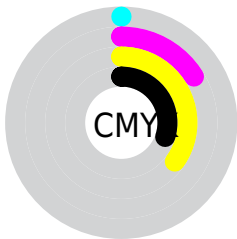
Distribution



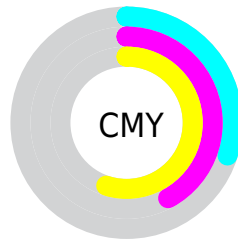
- Red (70%)
- Green (58%)
- Blue (45%)



- Red (66%)
- Yellow (70%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.7950, 28.1980, -4.4260 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 153.7950, 28.1980, -4.4260 by changing the saturation by 10% instead.

■ 153.7950, 28.1980,
-4.4260

■ 153.7950, 28.1980,
-4.4260

■ 255.0000, -0.0000,
-0.0000

■ 127.6100, 27.2810,
-4.3270

■ 208.4640, 30.6280,
-4.4120

■ 102.2400, 25.4470,
-4.1290

■ 233.9580, 26.1810,
-6.4190

■ 78.3430, 23.6590,
-4.7650

■ 251.2380, 10.5930,
-10.2630

■ 54.9730, 21.8250,
-4.5670

■ 254.5440, 1.2840,
-1.2440

■ 33.1470, 21.2750,
-5.6130

■ 12.4700, 13.2960,
1.3280

■ 0.0000, 0.0000,

0.0000

■ 153.7950, 28.1980,
-4.4260

■ 153.7950, 28.1980,
-4.4260

■ 147.0470, 36.1760,
-5.8400

■ 160.5430, 20.2200,
-3.0120

■ 140.2990, 44.1540,
-7.2540

■ 167.2910, 12.2420,
-1.5980

■ 133.0780, 52.0860,
-7.8340

■ 174.5120, 4.3100,
-1.0180

■ 126.3300, 60.0640,
-9.2480

■ 181.2600, -3.6680,
0.3960

■ 119.5820, 68.0420,
-10.6620

■ 188.0080,
-11.6460, 1.8100

■ 112.8340, 76.0200,
-12.0760

■ 194.7560,
-19.6240, 3.2240

■ 109.5740, 79.6880,
-12.4720

■ 201.5040,
-27.6020, 4.6380

■ 208.4970,
-34.8920, 4.5960

■ 213.1930,
-37.0920, 0.4120

Harmonies

Analogous

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



155.4140, 34.0650, 4.8890



153.7950, 28.1980, -4.4260



151.8100, 14.6740, -12.6380

Triad

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



153.7950, 28.1980, -4.4260



144.5540, -40.2070, -14.7270



156.5080, 2.1060, 16.9060

Complementary

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



153.7950, 28.1980, -4.4260



139.2050, -28.1980, 4.4260

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.



153.9830, -18.5250, 10.8430



153.7950, 28.1980, -4.4260



145.4320, -45.4350, -8.0830

Square

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



153.7950, 28.1980, -4.4260



146.3570, -23.6550, -17.3430



149.9050, -36.2210, 1.1470



157.2020, 20.5830, 17.9510

Rectangle

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



153.7950, 28.1980, -4.4260



150.3570, 2.7080, -16.0440



149.9050, -36.2210, 1.1470



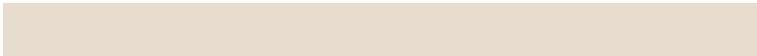
155.7460, -4.4960, 15.4080

Sweetspot

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



153.7950, 28.1980, -4.4260



222.1060, 11.3250, -1.4990



137.1430, 28.2390, 22.3750



111.1810, 6.7400, -1.0040



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



153.7950, 28.1980, -4.4260



194.5270, 43.5120, -6.6320



170.2200, 19.0310, -20.0170



85.6260, 3.9890, -0.7070



93.8810, 68.6380, -10.4500



15.9920, 11.6460, -1.8100

Inverse Universe

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



139.2050, -28.1980, 4.4260



172.4730, -43.5120, 6.6320



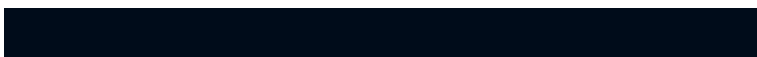
122.7800, -19.0310, 20.0170



83.3740, -3.9890, 0.7070



59.1190, -68.6380, 10.4500



10.0080, -11.6460, 1.8100

Previews

White Background



This preview shows how the YIQ color 153.7950, 28.1980, -4.4260 looks on a white background.

Color Contrast Check

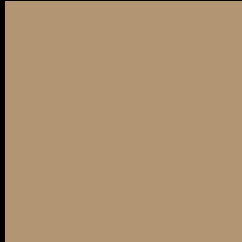
Large Text (above 18pt) WCAG AA × Fail

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 153.7950, 28.1980, -4.4260 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 153.7950, 28.1980, -4.4260

Background



This preview shows how black text looks on a background with the YIQ color 153.7950, 28.1980, -4.4260.



This preview shows how white text looks on a background with the YIQ color 153.7950, 28.1980,

-4.4260.

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

153.7950, 28.1980, -4.4260

Protanopia

153.0710, 18.4330, -9.1750

Deuteranopia

154.1050, 30.2610, -3.2670



Tritanopia

156.6160, 19.1170, 11.4770

Trichromacy



Original Color

153.7950, 28.1980, -4.4260

Protanomaly

153.2780, 22.2840, -7.3800

Deuteranomaly

153.8060, 29.6650, -3.4790

Tritanomaly

155.7810, 22.7860, 5.5540

Monochromacy



Original Color

153.7950, 28.1980, -4.4260

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.9210, 10.4080, -1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7950, 28.1980, -4.4260 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(178, 149, 115)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 115)  
}
```

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(178, 149, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 115) }
```

Border

The CSS property to change the border of an element to YIQ 153.7950, 28.1980, -4.4260 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(178, 149, 115) }
```


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

```
.border{ border-color:rgb(178, 149, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 115);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7950, 28.1980, -4.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 115) }
```

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

```
.background{ background-color: rgb(178,  
149, 115) }
```

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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