

Converting Colors

YIQ(172.2730, 29.8480, -1.2880)

Have a look what the booklet for
YIQ(172.2730, 29.8480, -1.2880)
contains.

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Color

**YIQ(172.2730, 29.8480,
-1.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A589
RGB	200, 165, 137
RGB Percent	78%, 65%, 54%
CMY	0.2156, 0.3530, 0.4626
CMYK	0.00, 0.18, 0.31, 0.22
HSL	27°, 36%, 66%
HSV	27°, 31%, 78%
XYZ	41.7943, 40.9938, 29.3901
YIQ	172.2730, 29.8480, -1.2880

Conversions

Conversions Part 2

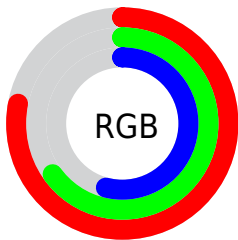
Format	Color
R_{YB}	200, 187, 137
Decimal	13149577
CIE Lab	70.17, 8.79, 19.32
CIE LCh	70, 21.222, 65.543
Yxy	40.9938, 0.3726, 0.3654
Android (android.graphics.Color)	4291339657 (0xFFC8A589)
YUV	172.2730, -17.3896, 24.3166
Hunter-Lab	64.0264, 4.4727, 17.6025

Details

The YIQ color **172.2730, 29.8480, -1.2880** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **164.7270, -29.8480, 1.2880**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0450, 30.4900, -1.9100**, and **119.6040, 27.4180, -1.3020** is the 20% darker color. If you saturate the color by 10%, you get **163.5360, 39.2930, -1.7550**, and if you desaturate by 10%, it is **181.0100, 20.4030, -0.8210**.

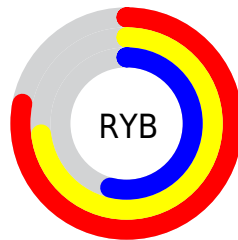
Distribution



Red (78%)

Green (65%)

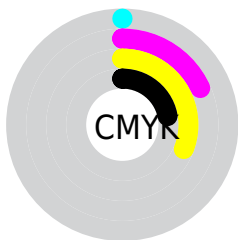
Blue (54%)



Red (78%)

Yellow (73%)

Blue (54%)

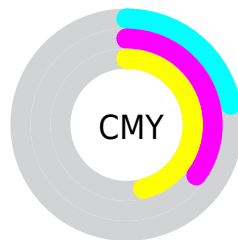


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2730, 29.8480, -1.2880 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 172.2730, 29.8480, -1.2880 by changing the saturation by 10% instead.


 172.2730, 29.8480,
-1.2880


 172.2730, 29.8480,
-1.2880


255.0000, -0.0000,
-0.0000


 145.7890, 28.3350,
-1.4010


 227.1590, 30.1690,
-1.5990


 119.6040, 27.4180,
-1.3020


 247.2600, 13.5270,
-8.3690

 95.1200, 25.9050,
-1.4150

 254.0880, 2.5680,
-2.4880

 70.6360, 24.3920,
-1.5280

 47.8530, 22.2830,
-1.8530

 26.9560, 20.4950,
-2.4890

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 172.2730, 29.8480,
-1.2880

■ 172.2730, 29.8480,
-1.2880

■ 163.5360, 39.2930,
-1.7550

■ 181.0100, 20.4030,
-0.8210

■ 154.7990, 48.7380,
-2.2220

■ 189.7470, 10.9580,
-0.3540

■ 146.0620, 58.1830,
-2.6890

■ 198.4840, 1.5130,
0.1130

■ 136.7380, 67.9030,
-2.6330

■ 207.2210, -7.9320,
0.5800

■ 128.0010, 77.3480,
-3.1000

■ 216.5450,
-17.6520, 0.5240

■ 119.2640, 86.7930,
-3.5670

■ 225.0540,
-26.4550, 0.3690

■ 112.0430, 94.7250,
-4.1470

■ 231.5110,
-29.4800, -5.3840

■ 237.9680,
-32.5050, -11.1370

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



173.8100, 33.0100, 7.4900



172.2730, 29.8480, -1.2880



170.2560, 19.3500, -9.2740

Triad

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



172.2730, 29.8480, -1.2880



164.1480, -33.1920, -15.2080



173.5180, -3.8540, 14.7860

Complementary

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



172.2730, 29.8480, -1.2880



164.7270, -29.8480, 1.2880

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.



170.9500, -22.9260, 8.0020



172.2730, 29.8480, -1.2880



164.1180, -41.6750, -10.1470

Square

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



172.2730, 29.8480, -1.2880



165.4780, -16.6860, -16.9900



166.8400, -37.5960, -1.4680



175.1520, 14.8520, 17.1880

Rectangle

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



172.2730, 29.8480, -1.2880



168.8740, 8.6220, -13.0900



166.8400, -37.5960, -1.4680



173.2290, -10.4100, 12.4540

Sweetspot

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



172.2730, 29.8480, -1.2880



244.7470, 10.9580, -0.3540



159.9410, 25.9920, 24.5520



121.5940, 7.0150, -0.4810



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.



172.2730, 29.8480, -1.2880



212.2440, 45.9870, -1.9250



190.4700, 21.3230, -17.5010



95.0390, 4.2640, -0.1840



91.0010, 77.3480, -3.1000



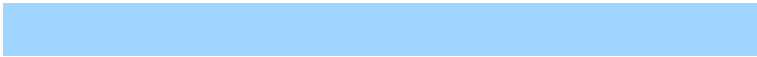
20.1560, 17.0560, -0.7360

Inverse Universe

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



164.7270, -29.8480, 1.2880



200.7560, -45.9870, 1.9250



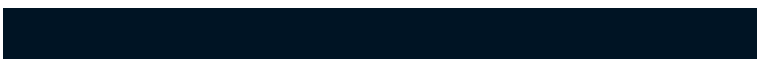
146.5300, -21.3230, 17.5010



93.9610, -4.2640, 0.1840



71.9990, -77.3480, 3.1000



15.8440, -17.0560, 0.7360

Previews

White Background



This preview shows how the YIQ color 172.2730, 29.8480, -1.2880 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 172.2730, 29.8480, -1.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

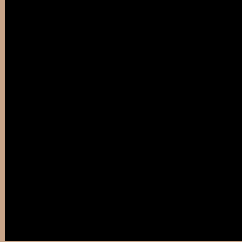
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2730, 29.8480, -1.2880

Background



This preview shows how black text looks on a background with the YIQ color 172.2730, 29.8480, -1.2880.



This preview shows how white text looks on a background with the YIQ color 172.2730, 29.8480,

-1.2880.

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

172.2730, 29.8480, -1.2880

Protanopia

170.7550, 16.5070, -7.3090

Deuteranopia

172.2730, 29.8480, -1.2880



Tritanopia

174.5240, 22.3720, 13.0600

Trichromacy



Original Color

172.2730, 29.8480, -1.2880

Protanomaly

171.5600, 21.5500, -5.0900

Deuteranomaly

172.2730, 29.8480, -1.2880

Tritanomaly

173.9170, 25.3990, 7.7590

Monochromacy



Original Color

172.2730, 29.8480, -1.2880

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7470, 10.9580, -0.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2730, 29.8480, -1.2880 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(200, 165, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 137)  
}
```

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(200, 165, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 137) }
```

Border

The CSS property to change the border of an element to YIQ 172.2730, 29.8480, -1.2880 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(200, 165, 137) }
```


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

```
.border{ border-color:rgb(200, 165, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2730, 29.8480, -1.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 137) }
```

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

```
.background{ background-color: rgb(200,  
165, 137) }
```

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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