

Converting Colors

YIQ(172.7690, 12.7510,
-27.3530)

Have a look what the booklet for
YIQ(172.7690, 12.7510, -27.3530)
contains.

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Color

**YIQ(172.7690, 12.7510,
-27.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BB70
RGB	168, 187, 112
RGB Percent	66%, 73%, 44%
CMY	0.3413, 0.2666, 0.5607
CMYK	0.10, 0.00, 0.40, 0.27
HSL	75°, 36%, 59%
HSV	75°, 40%, 73%
XYZ	36.8416, 45.0367, 22.0885
YIQ	172.7690, 12.7510, -27.3530

Conversions

Conversions Part 2

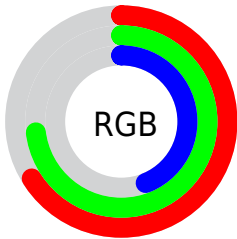
Format	Color
RYB	112, 187, 131
Decimal	11058032
CIELab	72.92, -18.70, 35.79
CIELCh	73, 40.377, 117.586
Yxy	45.0367, 0.3544, 0.4332
Android (android.graphics.Color)	4289248112 (0xFFA8BB70)
YUV	172.7690, -29.9591, -4.1824
Hunter-Lab	67.1094, -19.4487, 27.4617

Details

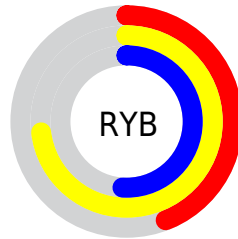
The YIQ color **172.7690, 12.7510, -27.3530** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **126.2310, -12.7510, 27.3530**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4270, 13.7140, -28.2860**, and **120.1110, 11.7880, -26.4200** is the 20% darker color. If you saturate the color by 10%, you get **169.1080, 15.8700, -34.3220**, and if you desaturate by 10%, it is **176.4300, 9.6320, -20.3840**.

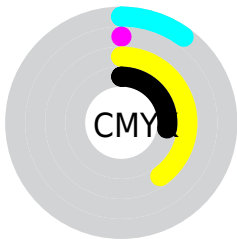
Distribution



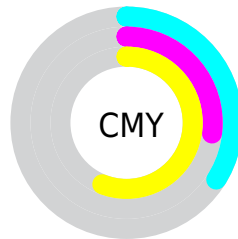
- Red (66%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7690, 12.7510, -27.3530 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 172.7690, 12.7510, -27.3530 by changing the saturation by 10% instead.

■ 172.7690, 12.7510,
-27.3530

■ 172.7690, 12.7510,
-27.3530

■ 255.0000, -0.0000,
-0.0000

■ 145.9970, 12.1090,
-26.7310

■ 228.4270, 13.7140,
-28.2860

■ 120.1110, 11.7880,
-26.4200

■ 247.2200, 19.0310,
-20.0170

■ 94.9260, 10.8710,
-26.3210

■ 251.0100, 11.2350,
-10.8850

■ 69.9260, 10.8710,
-26.3210

■ 254.3160, 1.9260,
-1.8660

■ 48.0660, 7.6610,
-23.2110

■ 27.9760, -0.5930,
-16.7930

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 172.7690, 12.7510,
-27.3530

■ 172.7690, 12.7510,
-27.3530

■ 169.1080, 15.8700,
-34.3220

■ 176.4300, 9.6320,
-20.3840

■ 165.5610, 18.6680,
-40.9800

■ 179.6780, 6.2380,
-13.9380

■ 162.1990, 22.3830,
-47.7370

■ 183.3390, 3.1190,
-6.9690

■ 158.5380, 25.5020,
-54.7060

■ 187.0000, -0.0000,
-0.0000

■ 154.9910, 28.3000,
-61.3640

■ 190.6610, -3.1190,
6.9690

■ 151.6290, 32.0150,
-68.1210

■ 193.9090, -6.5130,
13.4150

■ 197.5700, -9.6320,
20.3840

■ 200.4330,
-10.5040, 25.1760

■ 201.9280, -7.5240,
26.2360

Harmonies

Analogous

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



176.7620, 40.9920, -16.0320



172.7690, 12.7510, -27.3530



167.2730, -24.0190, -32.7790

Triad

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



172.7690, 12.7510, -27.3530



154.1060, -103.2950, -16.7590



182.7650, 47.2190, 30.8270

Complementary

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



172.7690, 12.7510, -27.3530



126.2310, -12.7510, 27.3530

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.



183.8020, 19.4340, 33.2740



172.7690, 12.7510, -27.3530



172.3170, -60.5680, 7.3680

Square

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



172.7690, 12.7510, -27.3530



140.3940, -122.5020, -37.6220



181.1270, -18.3900, 24.9220



181.3190, 59.7380, 18.6980

Rectangle

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



172.7690, 12.7510, -27.3530



161.9030, -52.2160, -33.8800



181.1270, -18.3900, 24.9220



183.6270, 38.9200, 32.5520

Sweetspot

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



172.7690, 12.7510, -27.3530



236.6010, 5.1370, -10.5030



145.5780, 39.4750, 5.9630



118.8660, 3.0730, -6.1350



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



172.7690, 12.7510, -27.3530



220.1050, 19.9520, -42.2240



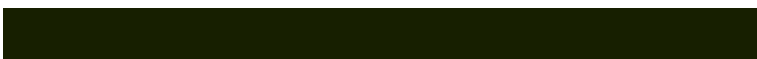
161.7060, -9.3010, -35.1970



92.3760, 1.6970, -3.2230



128.0280, 26.8780, -57.6180



25.0740, 5.1830, -11.3370

Inverse Universe

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



126.2310, -12.7510, 27.3530



147.8950, -19.9520, 42.2240



137.2940, 9.3010, 35.1970



86.6240, -1.6970, 3.2230



29.9720, -26.8780, 57.6180



5.9260, -5.1830, 11.3370

Previews

White Background



This preview shows how the YIQ color 172.7690, 12.7510, -27.3530 looks on a white background.

Color Contrast Check

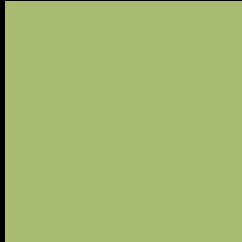
Large Text (above 18pt) WCAG AA × Fail

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 172.7690, 12.7510, -27.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

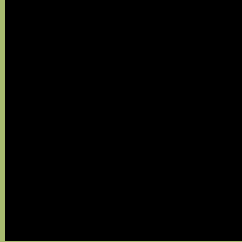
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7690, 12.7510, -27.3530

Background



This preview shows how black text looks on a background with the YIQ color 172.7690, 12.7510, -27.3530.



This preview shows how white text looks on a background with the YIQ color 172.7690, 12.7510,

-27.3530.

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

172.7690, 12.7510, -27.3530

Protanopia

175.8040, 32.0060, -18.3780

Deuteranopia

177.8860, 43.8790, -7.7770



Tritanopia

179.5960, -4.4940, 4.3540

Trichromacy



Original Color

172.7690, 12.7510, -27.3530

Protanomaly

174.6890, 24.9000, -21.7560

Deuteranomaly

176.2110, 32.4180, -14.8300

Tritanomaly

176.8550, 1.6060, -7.0820

Monochromacy



Original Color

172.7690, 12.7510, -27.3530

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8290, 4.4950, -9.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7690, 12.7510, -27.3530 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(168, 187, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 112)  
}
```

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(168, 187, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 112) }
```

Border

The CSS property to change the border of an element to YIQ 172.7690, 12.7510, -27.3530 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(168, 187, 112) }
```


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

```
.border{ border-color:rgb(168, 187, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 187, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7690, 12.7510, -27.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 112) }
```

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

```
.background{ background-color: rgb(168,  
187, 112) }
```

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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