

Converting Colors

YIQ(132.7990, 12.0660,
-42.4780)

Have a look what the booklet for
YIQ(132.7990, 12.0660, -42.4780)
contains.

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Color

**YIQ(132.7990, 12.0660,
-42.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	769D2F
RGB	118, 157, 47
RGB Percent	46%, 62%, 18%
CMY	0.5374, 0.3842, 0.8155
CMYK	0.25, 0.00, 0.70, 0.38
HSL	81°, 54%, 40%
HSV	81°, 70%, 62%
XYZ	20.0391, 28.1736, 7.0748
YIQ	132.7990, 12.0660, -42.4780

Conversions

Conversions Part 2

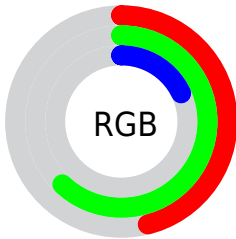
Format	Color
R_{YB}	47, 157, 86
Decimal	7773487
CIE _{Lab}	60.05, -30.19, 50.71
CIE _{LCh}	60, 59.016, 120.770
Yxy	28.1736, 0.3625, 0.5096
Android (android.graphics.Color)	4285963567 (0xFF769D2F)
YUV	132.7990, -42.2989, -12.9787
Hunter-Lab	53.0788, -25.4979, 29.2525

Details

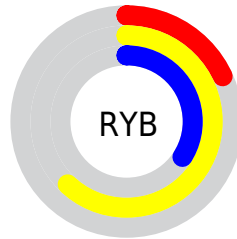
The YIQ color **132.7990, 12.0660, -42.4780** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **71.2010, -12.0660, 42.4780**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5710, 12.7080, -43.1000**, and **81.0700, 9.8650, -41.1350** is the 20% darker color. If you saturate the color by 10%, you get **129.1810, 13.6260, -48.7260**, and if you desaturate by 10%, it is **136.4170, 10.5060, -36.2300**.

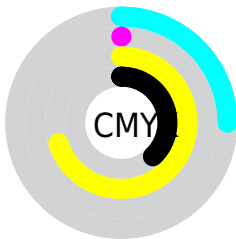
Distribution



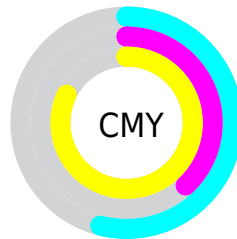
- Red (46%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (34%)



- Cyan (25%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (54%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7990, 12.0660, -42.4780 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 132.7990, 12.0660, -42.4780 by changing the saturation by 10% instead.

■ 132.7990, 12.0660,
-42.4780

■ 132.7990, 12.0660,
-42.4780

■ 255.0000, -0.0000,
-0.0000

■ 106.0440, 12.7540,
-43.9340

■ 187.5710, 12.7080,
-43.1000

■ 81.0700, 9.8650,
-41.1350

■ 215.3430, 13.3500,
-43.7220

■ 59.5070, 1.5650,
-33.8830

■ 235.8970, 17.8420,
-37.0220

■ 36.1390, -11.7780,
-28.8500

■ 246.5640, 23.7540,
-23.0140

■ 21.7190, -10.1750,
-19.3510

■ 249.7560, 14.7660,
-14.3060

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,

-5.2870

■ 132.7990, 12.0660,
-42.4780

■ 132.7990, 12.0660,
-42.4780

■ 129.1810, 13.6260,
-48.7260

■ 136.4170, 10.5060,
-36.2300

■ 125.9760, 15.4610,
-54.4510

■ 139.6220, 8.6710,
-30.5050

■ 122.3580, 17.0210,
-60.6990

■ 143.2400, 7.1110,
-24.2570

■ 146.5590, 4.9550,
-18.2210

■ 150.1770, 3.3950,
-11.9730

■ 153.3820, 1.5600,
-6.2480

■ 157.0000, 0.0000,
-0.0000

■ 160.6180, -1.5600,
6.2480

■ 163.8230, -3.3950,
11.9730

Harmonies

Analogous

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



137.8490, 53.3280, -30.3520



132.7990, 12.0660, -42.4780



117.0850, -56.3850, -51.9450

Triad

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



132.7990, 12.0660, -42.4780



122.4710, -120.2600, -12.1640



142.9730, 67.6650, 45.7530

Complementary

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



132.7990, 12.0660, -42.4780



71.2010, -12.0660, 42.4780

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.



147.9320, 31.3520, 48.5680



132.7990, 12.0660, -42.4780



116.4360, -121.1790, -1.0110

Square

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



132.7990, 12.0660, -42.4780



121.6610, -109.7120, -27.1200



146.6400, -23.8480, 35.7360



141.5560, 81.2400, 25.4960

Rectangle

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



132.7990, 12.0660, -42.4780



113.5670, -86.9210, -49.2010



146.6400, -23.8480, 35.7360



144.5900, 58.6780, 48.9340

Sweetspot

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



132.7990, 12.0660, -42.4780



194.6130, 4.8630, -16.5530



102.7830, 54.8350, 2.9230



96.4590, 2.6610, -9.6830



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



132.7990, 12.0660, -42.4780



166.2670, 18.5350, -66.1130



116.6530, -20.1180, -53.9260



77.1910, 0.7800, -3.1240



111.4490, 15.5070, -55.2850



11.7950, 1.8350, -5.7250

Inverse Universe

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



71.2010, -12.0660, 42.4780



70.7330, -18.5350, 66.1130



87.6460, 20.7140, 54.1380



72.8090, -0.7800, 3.1240



31.5510, -15.5070, 55.2850



3.2050, -1.8350, 5.7250

Previews

White Background



This preview shows how the YIQ color 132.7990, 12.0660, -42.4780 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7990, 12.0660, -42.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

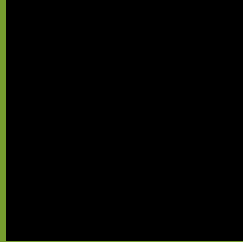
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.7990, 12.0660, -42.4780

Background



This preview shows how black text looks on a background with the YIQ color 132.7990, 12.0660, -42.4780.



This preview shows how white text looks on a background with the YIQ color 132.7990, 12.0660,

-42.4780.

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

132.7990, 12.0660, -42.4780

Protanopia

138.5690, 42.5530, -27.8070

Deuteranopia

140.3950, 52.2710, -16.6970



Tritanopia

143.4700, -13.0670, 0.0290

Trichromacy



Original Color

132.7990, 12.0660, -42.4780

Protanomaly

136.2470, 31.5960, -32.9800

Deuteranomaly

137.2850, 37.6010, -26.1670

Tritanomaly

139.7630, -4.3070, -15.5630

Monochromacy



Original Color

132.7990, 12.0660, -42.4780

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2540, 4.4960, -15.4080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7990, 12.0660, -42.4780 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(118, 157, 47)` looks like.

```
.text, #text, p{  
    color:rgb(118, 157, 47)  
}
```

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(118, 157, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 157, 47) }
```

Border

The CSS property to change the border of an element to YIQ 132.7990, 12.0660, -42.4780 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(118, 157, 47) }
```


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

```
.border{ border-color:rgb(118, 157, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 157, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 157, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 157, 47);  
box-shadow:4px 4px 4px 4px rgb(118, 157,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7990, 12.0660, -42.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 157, 47) }
```

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

```
.background{ background-color: rgb(118,  
157, 47) }
```

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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