

Converting Colors

YIQ(142.2620, 19.2130,
-12.2990)

Have a look what the booklet for
YIQ(142.2620, 19.2130, -12.2990)
contains.

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Color

**YIQ(142.2620, 19.2130,
-12.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	999164
RGB	153, 145, 100
RGB Percent	60%, 57%, 39%
CMY	0.4000, 0.4314, 0.6077
CMYK	0.00, 0.05, 0.35, 0.40
HSL	51°, 21%, 50%
HSV	51°, 35%, 60%
XYZ	25.5629, 27.9425, 16.1099
YIQ	142.2620, 19.2130, -12.2990

Conversions

Conversions Part 2

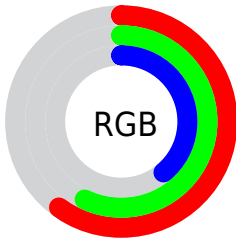
Format	Color
R_{YB}	109, 153, 100
Decimal	10064228
CIE _{Lab}	59.84, -4.14, 24.97
CIE _{LCh}	60, 25.312, 99.405
Yxy	27.9425, 0.3672, 0.4014
Android (android.graphics.Color)	4288254308 (0xFF999164)
YUV	142.2620, -20.8352, 9.4172
Hunter-Lab	52.8606, -6.1851, 18.9331

Details

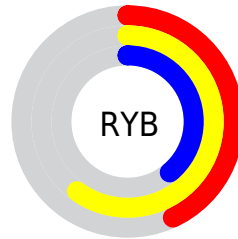
The YIQ color **142.2620, 19.2130, -12.2990** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **110.7380, -19.2130, 12.2990**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.2190, 20.7720, -13.0200**, and **91.8920, 17.3790, -12.1010** is the 20% darker color. If you saturate the color by 10%, you get **139.3780, 24.5780, -15.9180**, and if you desaturate by 10%, it is **145.1460, 13.8480, -8.6800**.

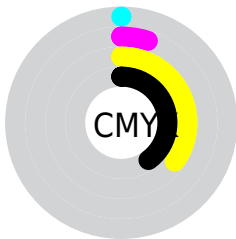
Distribution



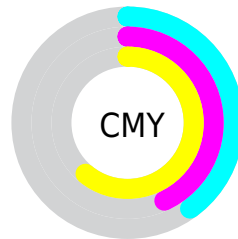
- Red (60%)
- Green (57%)
- Blue (39%)



- Red (43%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2620, 19.2130, -12.2990 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 142.2620, 19.2130, -12.2990 by changing the saturation by 10% instead.

■ 142.2620, 19.2130,
-12.2990

■ 142.2620, 19.2130,
-12.2990

■ 255.0000, -0.0000,
-0.0000

■ 116.4900, 18.5710,
-11.6770

■ 196.2190, 20.7720,
-13.0200

■ 92.0060, 17.0580,
-11.7900

■ 224.4040, 21.6890,
-13.1190

■ 67.8210, 16.1410,
-11.6910

■ 249.4140, 15.7290,
-15.2390

■ 45.4080, 15.8660,
-12.2140

■ 252.6060, 6.7410,
-6.5310

■ 25.7050, 10.7760,
-8.0720

■ 0.0000, 0.0000,
0.0000

■ 142.2620, 19.2130,
-12.2990

■ 142.2620, 19.2130,
-12.2990

■ 139.3780, 24.5780,
-15.9180

■ 145.1460, 13.8480,
-8.6800

■ 135.7930, 30.5390,
-19.3250

■ 148.7310, 7.8870,
-5.2730

■ 132.9090, 35.9040,
-22.9440

■ 151.6150, 2.5220,
-1.6540

■ 130.0250, 41.2690,
-26.5630

■ 154.4990, -2.8430,
1.9650

■ 126.5540, 46.9090,
-29.6590

■ 158.0840, -8.8040,
5.3720

■ 123.5560, 52.5950,
-33.5890

■ 160.9680,
-14.1690, 8.9910

■ 122.0570, 55.4380,
-35.5540

■ 163.8520,
-19.5340, 12.6100

■ 166.7360,

-24.8990, 16.2290

■ 170.3210,
-30.8600, 19.6360

Harmonies

Analogous

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



143.8880, 32.3700, -2.9420



142.2620, 19.2130, -12.2990



139.3350, -0.2260, -17.9380

Triad

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



142.2620, 19.2130, -12.2990



133.0180, -53.1370, -11.6730



147.7720, 18.9780, 19.5060

Complementary

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



142.2620, 19.2130, -12.2990



110.7380, -19.2130, 12.2990

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.



146.8820, -1.8830, 17.6130



142.2620, 19.2130, -12.2990



137.8330, -44.8860, -1.5100

Square

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



142.2620, 19.2130, -12.2990



133.5920, -43.3700, -17.9780



143.6340, -24.8520, 9.8680



147.3790, 33.1460, 16.0420

Rectangle

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



142.2620, 19.2130, -12.2990



137.3810, -15.0350, -19.3790



143.6340, -24.8520, 9.8680



147.3630, 12.8800, 19.8880

Sweetspot

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



142.2620, 19.2130, -12.2990



194.9590, 7.2450, -4.6510



116.8730, 28.6990, 14.0350



97.1590, 3.8060, -2.8980



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



142.2620, 19.2130, -12.2990



181.7930, 30.5390, -19.3250



141.5760, 6.2850, -20.2990



74.9140, 3.1180, -1.4420



111.7130, 50.7150, -32.5570



10.3440, 4.7230, -2.9970

Inverse Universe

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



110.7380, -19.2130, 12.2990



132.2070, -30.5390, 19.3250



111.4240, -6.2850, 20.2990



70.4990, -2.8430, 1.9650



28.2870, -50.7150, 32.5570



2.6560, -4.7230, 2.9970

Previews

White Background



This preview shows how the YIQ color 142.2620, 19.2130, -12.2990 looks on a white background.

Color Contrast Check

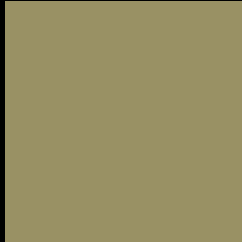
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.2620, 19.2130, -12.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

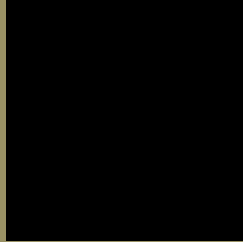
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.2620, 19.2130, -12.2990

Background



This preview shows how black text looks on a background with the YIQ color 142.2620, 19.2130, -12.2990.



This preview shows how white text looks on a background with the YIQ color 142.2620, 19.2130,

-12.2990.

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

142.2620, 19.2130, -12.2990

Protanopia

142.5720, 21.2760, -11.1400

Deuteranopia

144.0620, 31.8200, -3.9880



Tritanopia

146.2340, 8.3890, 7.6610

Trichromacy



Original Color

142.2620, 19.2130, -12.2990

Protanomaly

142.2730, 20.6800, -11.3520

Deuteranomaly

143.6160, 27.1440, -7.3520

Tritanomaly

144.7580, 12.4250, 0.5930

Monochromacy



Original Color

142.2620, 19.2130, -12.2990

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2620, 19.2130, -12.2990 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(153, 145, 100)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 100)  
}
```

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(153, 145, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 100) }
```

Border

The CSS property to change the border of an element to YIQ 142.2620, 19.2130, -12.2990 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(153, 145, 100) }
```


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

```
.border{ border-color:rgb(153, 145, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 100);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2620, 19.2130, -12.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 100) }
```

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

```
.background{ background-color: rgb(153,  
145, 100) }
```

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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