

Converting Colors

YIQ(144.8180, 12.1960, -0.7640)

Have a look what the booklet for
YIQ(144.8180, 12.1960, -0.7640)
contains.

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Color

**YIQ(144.8180, 12.1960,
-0.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E82
RGB	156, 142, 130
RGB Percent	61%, 56%, 51%
CMY	0.3882, 0.4431, 0.4901
CMYK	0.00, 0.09, 0.17, 0.39
HSL	28°, 12%, 56%
HSV	28°, 17%, 61%
XYZ	27.4139, 28.0249, 25.0888
YIQ	144.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

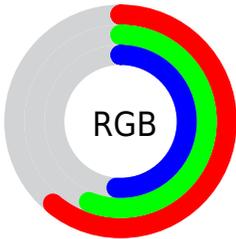
Format	Color
R_{YB}	156, 152, 130
Decimal	10260098
CIE Lab	59.91, 3.15, 8.27
CIE LCh	60, 8.849, 69.136
Yxy	28.0249, 0.3404, 0.3480
Android (android.graphics.Color)	4288450178 (0xFF9C8E82)
YUV	144.8180, -7.3053, 9.8066
Hunter-Lab	52.9386, -0.2072, 8.9582

Details

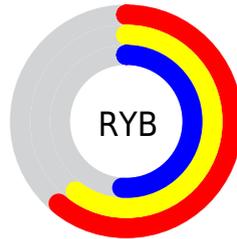
The YIQ color **144.8180, 12.1960, -0.7640** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141.1820, -12.1960, 0.7640**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.0030, 13.1130, -0.8630**, and **94.6330, 11.2790, -0.6650** is the 20% darker color. If you saturate the color by 10%, you get **138.2980, 19.5320, -1.5560**, and if you desaturate by 10%, it is **151.3380, 4.8600, 0.0280**.

Distribution



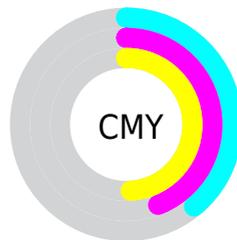
- Red (61%)
- Green (56%)
- Blue (51%)



- Red (61%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.8180, 12.1960, -0.7640 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 144.8180, 12.1960, -0.7640 by changing the saturation by 10% instead.

■ 144.8180, 12.1960,
-0.7640

■ 144.8180, 12.1960,
-0.7640

■ 255.0000, -0.0000,
-0.0000

■ 118.9320, 11.8750,
-0.4530

■ 199.0030, 13.1130,
-0.8630

■ 94.6330, 11.2790,
-0.6650

■ 227.0030, 13.1130,
-0.8630

■ 70.4480, 10.3620,
-0.5660

■ 251.4150, 5.9610,
-3.4070

■ 48.1490, 9.7660,
-0.7780

■ 26.8500, 9.1700,
-0.9900

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,

0.0000

■ 144.8180, 12.1960,
-0.7640

■ 144.8180, 12.1960,
-0.7640

■ 138.2980, 19.5320,
-1.5560

■ 151.3380, 4.8600,
0.0280

■ 131.3050, 26.8220,
-1.5140

■ 158.3310, -2.4300,
-0.0140

■ 124.7850, 34.1580,
-2.3060

■ 164.8510, -9.7660,
0.7780

■ 117.7920, 41.4480,
-2.2640

■ 171.8440,
-17.0560, 0.7360

■ 111.2720, 48.7840,
-3.0560

■ 178.3640,
-24.3920, 1.5280

■ 104.7520, 56.1200,
-3.8480

■ 184.8840,
-31.7280, 2.3200

■ 97.7590, 63.4100,
-3.8060

■ 191.8770,
-39.0180, 2.2780

■ 91.2390, 70.7460,
-4.5980

■ 198.3970,
-46.3540, 3.0700

■ 88.9080, 73.1760,
-4.5840

■ 203.6800,
-48.8290, -1.6370

Harmonies

Analogous

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



145.7090, 14.1210, 2.8970



144.8180, 12.1960, -0.7640



144.0730, 6.9240, -4.3400

Triad

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



144.8180, 12.1960, -0.7640



141.7810, -12.7450, -5.8090



145.6890, -0.3220, 5.8380

Complementary

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



144.8180, 12.1960, -0.7640



141.1820, -12.1960, 0.7640

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.



144.3290, -8.1160, 3.9160



144.8180, 12.1960, -0.7640



141.8070, -15.6340, -3.0100

Square

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



144.8180, 12.1960, -0.7640



142.4780, -7.5180, -6.9260



143.2850, -13.9840, 0.1280



146.2230, 6.9220, 6.7140

Rectangle

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



144.8180, 12.1960, -0.7640



143.0940, 2.4310, -5.5130



143.2850, -13.9840, 0.1280



145.0200, -2.7520, 5.8240

Sweetspot

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



144.8180, 12.1960, -0.7640



199.9250, 4.5850, -0.4950



139.3700, 11.0020, 9.8660



99.5550, 2.7510, -0.2970



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.



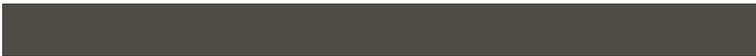
144.8180, 12.1960, -0.7640



186.4120, 19.2110, -1.2450



152.4490, 8.6210, -7.5630



75.7400, 3.6680, -0.3960



81.4990, 67.0780, -4.2020



8.5940, 7.0150, -0.4810

Inverse Universe

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



141.1820, -12.1960, 0.7640



180.5880, -19.2110, 1.2450



133.5510, -8.6210, 7.5630



74.2600, -3.6680, 0.3960



61.5010, -67.0780, 4.2020



6.4060, -7.0150, 0.4810

Previews

White Background



This preview shows how the YIQ color 144.8180, 12.1960, -0.7640 looks on a white background.

Color Contrast Check

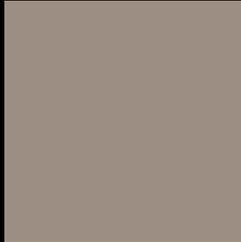
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.8180, 12.1960, -0.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

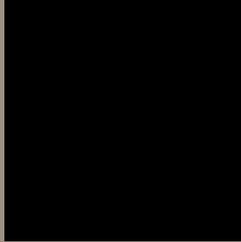
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

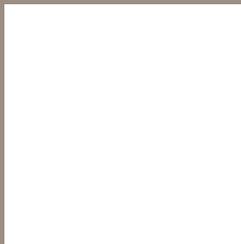
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.8180, 12.1960, -0.7640

Background



This preview shows how black text looks on a background with the YIQ color 144.8180, 12.1960, -0.7640.



This preview shows how white text looks on a background with the YIQ color 144.8180, 12.1960,

-0.7640.

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

144.8180, 12.1960, -0.7640

Protanopia

144.3120, 7.7490, -2.7710

Deuteranopia

145.2640, 16.8720, 2.6000



Tritanopia

146.2340, 8.3890, 7.6610

Trichromacy



Original Color

144.8180, 12.1960, -0.7640

Protanomaly

144.3230, 9.2160, -1.8240

Deuteranomaly

144.9540, 14.8090, 1.4410

Tritanomaly

145.7240, 9.7650, 4.7490

Monochromacy



Original Color

144.8180, 12.1960, -0.7640

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.8180, 12.1960, -0.7640 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(156, 142, 130)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 130)  
}
```

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(156, 142, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 130) }
```

Border

The CSS property to change the border of an element to YIQ 144.8180, 12.1960, -0.7640 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(156, 142, 130) }
```

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

```
.border{ border-color:rgb(156, 142, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 142, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 144.8180, 12.1960, -0.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 130) }
```

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

```
.background{ background-color: rgb(156,  
142, 130) }
```

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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