

Converting Colors

YIQ(140.1940, 31.0880,
-12.7520)

Have a look what the booklet for
YIQ(140.1940, 31.0880, -12.7520)
contains.

YIQ(140.1940, 31.0880, -12.7520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(140.1940, 31.0880,
-12.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C54
RGB	162, 140, 84
RGB Percent	64%, 55%, 33%
CMY	0.3647, 0.4510, 0.6704
CMYK	0.00, 0.14, 0.48, 0.36
HSL	43°, 32%, 48%
HSV	43°, 48%, 64%
XYZ	25.8798, 27.0760, 12.2584
YIQ	140.1940, 31.0880, -12.7520

Conversions

Conversions Part 2

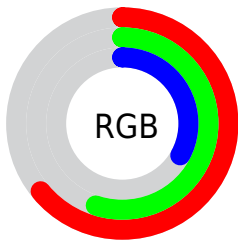
Format	Color
RYB	115, 162, 84
Decimal	10652756
CIELab	59.04, 0.61, 32.81
CIELCh	59, 32.820, 88.942
Yxy	27.0760, 0.3968, 0.4152
Android (android.graphics.Color)	4288842836 (0xFFA28C54)
YUV	140.1940, -27.7036, 19.1239
Hunter-Lab	52.0346, -2.2823, 22.4566

Details

The YIQ color **140.1940, 31.0880, -12.7520** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105.8060, -31.0880, 12.7520**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8630, 33.5180, -12.7380**, and **89.3400, 27.7410, -12.6670** is the 20% darker color. If you saturate the color by 10%, you get **135.4350, 37.5990, -15.1130**, and if you desaturate by 10%, it is **144.9530, 24.5770, -10.3910**.

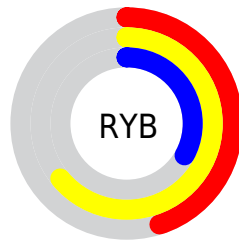
Distribution



Red (64%)

Green (55%)

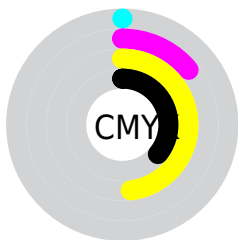
Blue (33%)



Red (45%)

Yellow (64%)

Blue (33%)

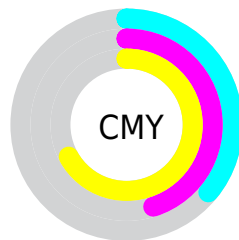


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1940, 31.0880, -12.7520 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 140.1940, 31.0880, -12.7520 by changing the saturation by 10% instead.

■ 140.1940, 31.0880,
-12.7520

■ 140.1940, 31.0880,
-12.7520

■ 255.0000, -0.0000,
-0.0000

■ 114.7100, 29.5750,
-12.8650

■ 193.8630, 33.5180,
-12.7380

■ 89.3400, 27.7410,
-12.6670

■ 221.9340, 34.7560,
-13.1480

■ 65.6280, 26.8700,
-13.4020

■ 244.4270, 22.8820,
-18.2220

■ 44.0560, 22.7890,
-11.0270

■ 250.5540, 12.5190,
-12.1290

■ 24.8410, 13.3890,
-5.8670

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 140.1940, 31.0880,
-12.7520

■ 140.1940, 31.0880,
-12.7520

■ 135.4350, 37.5990,
-15.1130

■ 144.9530, 24.5770,
-10.3910

■ 131.2630, 43.8350,
-17.9970

■ 149.1250, 18.3410,
-7.5070

■ 126.3900, 50.6670,
-20.6690

■ 153.9980, 11.5090,
-4.8350

■ 122.2180, 56.9030,
-23.5530

■ 158.1700, 5.2730,
-1.9510

■ 117.4590, 63.4140,
-25.9140

■ 162.9290, -1.2380,
0.4100

■ 116.5300, 64.6520,
-26.3240

■ 167.1010, -7.4740,
3.2940

■ 171.8600,
-13.9850, 5.6550

■ 176.7330,

-20.8170, 8.3270

■ 180.9050,
-27.0530, 11.2110

Harmonies

Analogous

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



142.3410, 44.3360, 0.4640



140.1940, 31.0880, -12.7520



137.3050, 8.4860, -21.6420

Triad

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



140.1940, 31.0880, -12.7520



117.1060, -86.1000, -25.5240



145.9060, 15.9050, 25.6410

Complementary

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



140.1940, 31.0880, -12.7520



105.8060, -31.0880, 12.7520

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.



144.1890, -12.9330, 19.6350



140.1940, 31.0880, -12.7520



125.6380, -75.3740, -10.6540

Square

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



140.1940, 31.0880, -12.7520



125.7600, -52.9510, -26.0630



137.4020, -44.7500, 7.0420



145.4600, 37.5920, 23.5760

Rectangle

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



140.1940, 31.0880, -12.7520



134.4430, -9.5780, -24.6660



137.4020, -44.7500, 7.0420



145.8880, 7.1480, 24.6520

Sweetspot

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



140.1940, 31.0880, -12.7520



203.2970, 12.1050, -4.6230



109.8300, 39.4260, 23.3780



102.0130, 7.1530, -2.9830



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



140.1940, 31.0880, -12.7520



177.4330, 49.1080, -19.9480



148.0250, 14.9060, -27.8620



79.2130, 3.7140, -1.2300



104.4030, 57.8200, -23.6520



13.0130, 7.1530, -2.9830

Inverse Universe

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



105.8060, -31.0880, 12.7520



123.5670, -49.1080, 19.9480



97.9750, -14.9060, 27.8620



75.7870, -3.7140, 1.2300



40.5970, -57.8200, 23.6520



4.9870, -7.1530, 2.9830

Previews

White Background



This preview shows how the YIQ color 140.1940, 31.0880, -12.7520 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 140.1940, 31.0880, -12.7520 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 140.1940, 31.0880, -12.7520

Background



This preview shows how black text looks on a background with the YIQ color 140.1940, 31.0880, -12.7520.



This preview shows how white text looks on a background with the YIQ color 140.1940, 31.0880, -12.7520.

-12.7520.

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

140.1940, 31.0880, -12.7520

Protanopia

139.6880, 26.6410, -14.7590

Deuteranopia

141.2490, 38.4230, -8.0170



Tritanopia

144.6050, 17.6500, 10.5300

Trichromacy



Original Color

140.1940, 31.0880, -12.7520

Protanomaly

139.6990, 28.1080, -13.8120

Deuteranomaly

140.6400, 35.7640, -9.3880

Tritanomaly

143.3740, 22.3740, 2.0060

Monochromacy



Original Color

140.1940, 31.0880, -12.7520

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1120, 11.1880, -4.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.1940, 31.0880, -12.7520 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(162, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 84)  
}
```

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(162, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 84) }
```

Border

The CSS property to change the border of an element to YIQ 140.1940, 31.0880, -12.7520 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(162, 140, 84) }
```


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

```
.border{ border-color:rgb(162, 140, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 140.1940, 31.0880, -12.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 84) }
```

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

```
.background{ background-color: rgb(162,  
140, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor