

Converting Colors

YIQ(140.2480, 65.3860,
-28.6140)

Have a look what the booklet for
YIQ(140.2480, 65.3860, -28.6140)
contains.

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Color

**YIQ(140.2480, 65.3860,
-28.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	B98D13
RGB	185, 141, 19
RGB Percent	73%, 55%, 7%
CMY	0.2745, 0.4471, 0.9251
CMYK	0.00, 0.24, 0.90, 0.27
HSL	44°, 81%, 40%
HSV	44°, 90%, 73%
XYZ	29.6498, 29.4067, 4.7335
YIQ	140.2480, 65.3860, -28.6140

Conversions

Conversions Part 2

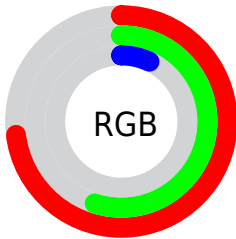
Format	Color
RYB	79, 185, 19
Decimal	12160275
CIELab	61.14, 6.61, 62.67
CIELCh	61, 63.021, 83.982
Yxy	29.4067, 0.4648, 0.4610
Android (android.graphics.Color)	4290350355 (0xFFB98D13)
YUV	140.2480, -59.7753, 39.2475
Hunter-Lab	54.2280, 2.6980, 32.7842

Details

The YIQ color **140.2480, 65.3860, -28.6140** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **63.7520, -65.3860, 28.6140**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.1390, 67.3110, -24.9530**, and **91.3900, 50.6670, -20.6690** is the 20% darker color. If you saturate the color by 10%, you get **135.2610, 72.5390, -31.5970**, and if you desaturate by 10%, it is **145.3490, 57.9120, -25.3200**.

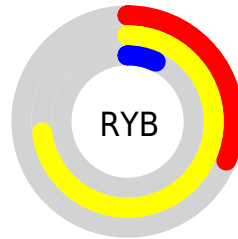
Distribution



Red (73%)

Green (55%)

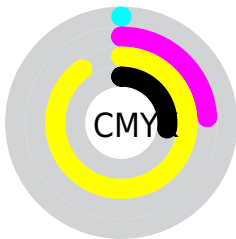
Blue (7%)



Red (31%)

Yellow (73%)

Blue (7%)

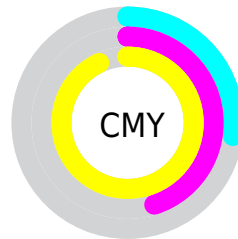


Cyan (0%)

Magenta (24%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.2480, 65.3860, -28.6140 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 140.2480, 65.3860, -28.6140 by changing the saturation by 10% instead.


 140.2480, 65.3860,
-28.6140


 140.2480, 65.3860,
-28.6140


255.0000, -0.0000,
-0.0000

 114.7360, 61.0760,
-27.5960


 196.1390, 67.3110,
-24.9530


 91.3900, 50.6670,
-20.6690


 218.6430, 56.9040,
-29.0800


 69.5170, 40.3040,
-14.5760


 238.7440, 40.2620,
-35.8500

 48.2310, 29.6660,
-9.0060

 244.2840, 30.1740,
-29.2340

 29.0160, 20.2660,
-3.8460

 247.4760, 21.1860,
-20.5260

 5.9800, 11.9200,
4.2400

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

140.2480, 65.3860,
-28.6140

140.2480, 65.3860,
-28.6140

135.2610, 72.5390,
-31.5970

145.3490, 57.9120,
-25.3200

135.1470, 72.8600,
-31.9080

150.3360, 50.7590,
-22.3370

155.4370, 43.2850,
-19.0430

160.4240, 36.1320,
-16.0600

165.5250, 28.6580,
-12.7660

■ 169.9250, 21.7800,
-9.2600

■ 175.0260, 14.3060,
-5.9660

■ 180.0130, 7.1530,
-2.9830

■ 185.1140, -0.3210,
0.3110

Harmonies

Analogous

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



143.6260, 83.0780, 3.1900



140.2480, 65.3860, -28.6140



135.7480, 25.2710, -45.0090

Triad

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



140.2480, 65.3860, -28.6140



123.9120, -109.1610, -31.6010



151.7230, 21.8150, 50.7030

Complementary

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



140.2480, 65.3860, -28.6140



63.7520, -65.3860, 28.6140

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.



147.1800, -43.1040, 32.2880



140.2480, 65.3860, -28.6140



126.2210, -122.5520, -14.6800

Square

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



140.2480, 65.3860, -28.6140



116.8270, -90.5890, -48.8050



121.2290, -125.0300, -2.8060



145.8900, 66.7010, 52.2130

Rectangle

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



140.2480, 65.3860, -28.6140



129.8220, -13.1040, -48.8800



121.2290, -125.0300, -2.8060



151.7360, 2.6050, 46.4210

Sweetspot

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



140.2480, 65.3860, -28.6140



222.6110, 25.5400, -11.3240



73.6500, 84.8120, 48.8760



109.6840, 15.2690, -6.8990



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



140.2480, 65.3860, -28.6140



175.0720, 94.6400, -41.1680



154.4150, 30.0420, -59.8940



89.2130, 3.7140, -1.2300



113.5620, 61.6260, -26.5500



20.6990, 10.9130, -5.0470

Inverse Universe

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



63.7520, -65.3860, 28.6140



64.9280, -94.6400, 41.1680



49.5850, -30.0420, 59.8940



85.2000, -3.4390, 1.7530



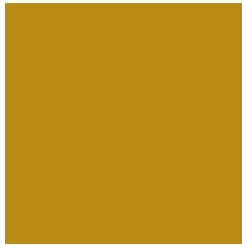
41.8510, -61.3510, 27.0730



7.3010, -10.9130, 5.0470

Previews

White Background



This preview shows how the YIQ color 140.2480, 65.3860, -28.6140 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 140.2480, 65.3860, -28.6140 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 140.2480, 65.3860, -28.6140

Background



This preview shows how black text looks on a background with the YIQ color 140.2480, 65.3860, -28.6140.



This preview shows how white text looks on a background with the YIQ color 140.2480, 65.3860, -28.6140.

-28.6140.

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

140.2480, 65.3860, -28.6140

Protanopia

139.2030, 52.0910, -35.4690

Deuteranopia

140.3730, 66.5320, -27.3560



Tritanopia

150.3790, 33.1460, 16.0420

Trichromacy



Original Color

140.2480, 65.3860, -28.6140

Protanomaly

139.4210, 57.4090, -32.7270

Deuteranomaly

140.0740, 65.9360, -27.5680

Tritanomaly

146.8140, 44.3820, -0.3700

Monochromacy



Original Color

140.2480, 65.3860, -28.6140

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7680, 23.6600, -10.2920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2480, 65.3860, -28.6140 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(185, 141, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 19)  
}
```

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(185, 141, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 19) }
```

Border

The CSS property to change the border of an element to YIQ 140.2480, 65.3860, -28.6140 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(185, 141, 19) }
```


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

```
.border{ border-color:rgb(185, 141, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 141, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2480, 65.3860, -28.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 19) }
```

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

```
.background{ background-color: rgb(185,  
141, 19) }
```

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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