

Converting Colors

YIQ(112.0140, 13.4390,
-28.8090)

Have a look what the booklet for
YIQ(112.0140, 13.4390, -28.8090)
contains.

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Color

**YIQ(112.0140, 13.4390,
-28.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7F30
RGB	107, 127, 48
RGB Percent	42%, 50%, 19%
CMY	0.5805, 0.5019, 0.8116
CMYK	0.16, 0.00, 0.62, 0.50
HSL	75°, 45%, 34%
HSV	75°, 62%, 50%
XYZ	14.1850, 18.5188, 5.6263
YIQ	112.0140, 13.4390, -28.8090

Conversions

Conversions Part 2

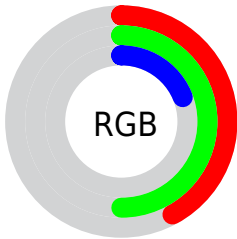
Format	Color
R_{YB}	48, 127, 68
Decimal	7044912
CIE _{Lab}	50.12, -19.78, 39.51
CIE _{LCh}	50, 44.181, 116.598
Yxy	18.5188, 0.3701, 0.4831
Android (android.graphics.Color)	4285234992 (0xFF6B7F30)
YUV	112.0140, -31.5589, -4.3973
Hunter-Lab	43.0334, -16.4702, 22.3717

Details

The YIQ color **112.0140, 13.4390, -28.8090** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **62.9860, -13.4390, 28.8090**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6720, 14.4020, -29.7420**, and **62.8290, 12.5220, -28.7100** is the 20% darker color. If you saturate the color by 10%, you get **109.6350, 15.8240, -33.4880**, and if you desaturate by 10%, it is **114.3930, 11.0540, -24.1300**.

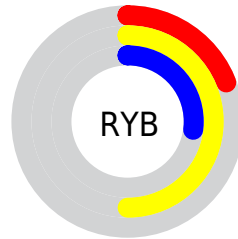
Distribution



Red (42%)

Green (50%)

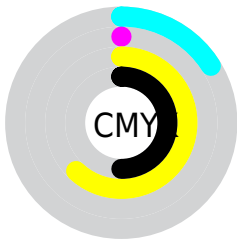
Blue (19%)



Red (19%)

Yellow (50%)

Blue (27%)

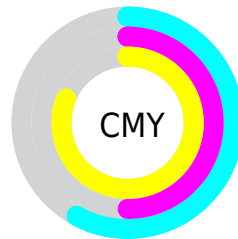


Cyan (16%)

Magenta (0%)

Yellow (62%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0140, 13.4390, -28.8090 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 112.0140, 13.4390, -28.8090 by changing the saturation by 10% instead.

■ 112.0140, 13.4390,
-28.8090

■ 112.0140, 13.4390,
-28.8090

■ 255.0000, -0.0000,
-0.0000

■ 86.7150, 12.8430,
-29.0210

■ 164.6720, 14.4020,
-29.7420

■ 62.8290, 12.5220,
-28.7100

■ 191.7430, 15.6400,
-30.1520

■ 42.1520, 4.5430,
-21.7690

■ 220.2160, 15.6860,
-30.9860

■ 21.1540, -6.9660,
-16.9340

■ 243.1180, 19.0780,
-26.3780

■ 0.5870, -0.2750,
-0.5230

■ 249.3000, 16.0500,
-15.5500

■ 0.0000, 0.0000,
0.0000

■ 252.4920, 7.0620,

-6.8420

■ 112.0140, 13.4390,
-28.8090

■ 112.0140, 13.4390,
-28.8090

■ 109.6350, 15.8240,
-33.4880

■ 114.3930, 11.0540,
-24.1300

■ 107.3700, 17.8880,
-37.8560

■ 116.6580, 8.9900,
-19.7620

■ 104.6920, 19.6770,
-42.7470

■ 119.3360, 7.2010,
-14.8710

■ 102.9540, 21.6950,
-46.2810

■ 121.7150, 4.8160,
-10.1920

■ 124.0940, 2.4310,
-5.5130

■ 126.3590, 0.3670,
-1.1450

■ 129.0370, -1.4220,
3.7460

■ 131.4160, -3.8070,
8.4250

■ 133.6810, -5.8710,
12.7930

Harmonies

Analogous

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



115.7080, 41.0840, -17.7000



112.0140, 13.4390, -28.8090



104.6640, -26.6780, -34.1500

Triad

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



112.0140, 13.4390, -28.8090



98.7050, -94.6760, -13.2680



120.0470, 46.4850, 33.1170

Complementary

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



112.0140, 13.4390, -28.8090



62.9860, -13.4390, 28.8090

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.



122.8450, 17.8750, 33.9950



112.0140, 13.4390, -28.8090



97.2850, -93.0730, -3.7690

Square

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



112.0140, 13.4390, -28.8090



97.7470, -86.4670, -24.3790



120.5610, -22.6080, 24.2720



118.4870, 59.3250, 20.6770

Rectangle

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



112.0140, 13.4390, -28.8090



91.9330, -70.0960, -40.2400



120.5610, -22.6080, 24.2720



121.2080, 38.7820, 35.0540

Sweetspot

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



112.0140, 13.4390, -28.8090



159.9600, 5.5040, -11.6480



83.3610, 41.5840, 6.2880



80.3390, 3.1190, -6.9690



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



112.0140, 13.4390, -28.8090



142.1820, 21.0530, -45.6590



100.3530, -9.8050, -37.0770



62.6040, 1.0550, -2.6010



103.5410, 21.4200, -46.8040



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.9860, -13.4390, 28.8090



64.8180, -21.0530, 45.6590



74.6470, 9.8050, 37.0770



58.3960, -1.0550, 2.6010



24.1600, -22.0160, 46.5920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.0140, 13.4390, -28.8090 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 112.0140, 13.4390, -28.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

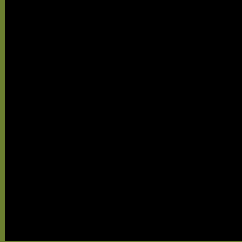
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.0140, 13.4390, -28.8090

Background



This preview shows how black text looks on a background with the YIQ color 112.0140, 13.4390, -28.8090.



This preview shows how white text looks on a background with the YIQ color 112.0140, 13.4390,

-28.8090.

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

112.0140, 13.4390, -28.8090

Protanopia

114.8640, 31.7770, -19.7350

Deuteranopia

116.2120, 39.8450, -11.7630



Tritanopia

119.1290, -4.6770, 2.1630

Trichromacy



Original Color

112.0140, 13.4390, -28.8090

Protanomaly

114.0480, 25.2670, -22.9010

Deuteranomaly

114.5480, 29.8510, -17.8690

Tritanomaly

116.6870, 2.0190, -9.0610

Monochromacy



Original Color

112.0140, 13.4390, -28.8090

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7150, 4.8160, -10.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0140, 13.4390, -28.8090 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(107, 127, 48)` looks like.

```
.text, #text, p{  
    color:rgb(107, 127, 48)  
}
```

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(107, 127, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 127, 48) }
```

Border

The CSS property to change the border of an element to YIQ 112.0140, 13.4390, -28.8090 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(107, 127, 48) }
```


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

```
.border{ border-color:rgb(107, 127, 48) }
```

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

Here you see how a box with a 4 pixel rgb(107, 127, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 127, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 127, 48);  
box-shadow:4px 4px 4px 4px rgb(107, 127,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0140, 13.4390, -28.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 127, 48) }
```

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

```
.background{ background-color: rgb(107,  
127, 48) }
```

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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