

Converting Colors

YIQ(112.6650, 42.6430,
-18.4210)

Have a look what the booklet for
YIQ(112.6650, 42.6430, -18.4210)
contains.

YIQ(112.6650, 42.6430, -18.4210)	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(112.6650, 42.6430,
-18.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7122
RGB	142, 113, 34
RGB Percent	56%, 44%, 13%
CMY	0.4431, 0.5569, 0.8664
CMYK	0.00, 0.20, 0.76, 0.44
HSL	44°, 61%, 35%
HSV	44°, 76%, 56%
XYZ	17.3495, 17.6746, 4.0149
YIQ	112.6650, 42.6430, -18.4210

Conversions

Conversions Part 2

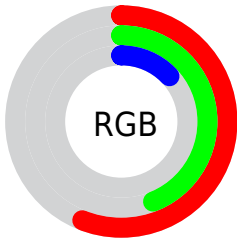
Format	Color
R_{YB}	74, 142, 34
Decimal	9335074
CIE _{Lab}	49.10, 3.03, 45.67
CIE _{LCh}	49, 45.772, 86.202
Yxy	17.6746, 0.4444, 0.4527
Android (android.graphics.Color)	4287525154 (0xFF8E7122)
YUV	112.6650, -38.7818, 25.7268
Hunter-Lab	42.0411, 0.0914, 23.7666

Details

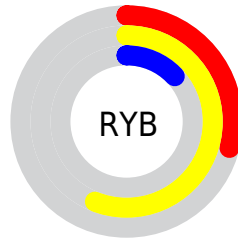
The YIQ color **112.6650, 42.6430, -18.4210** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **63.3350, -42.6430, 18.4210**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9320, 46.2650, -17.9830**, and **65.0540, 34.2980, -15.8620** is the 20% darker color. If you saturate the color by 10%, you get **108.7210, 48.2370, -20.6830**, and if you desaturate by 10%, it is **116.6090, 37.0490, -16.1590**.

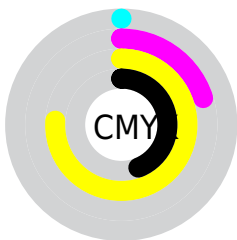
Distribution



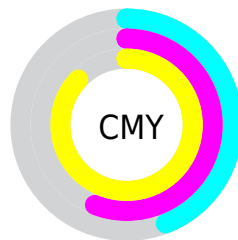
- Red (56%)
- Green (44%)
- Blue (13%)



- Red (29%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (20%)
- Yellow (76%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6650, 42.6430, -18.4210 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 112.6650, 42.6430, -18.4210 by changing the saturation by 10% instead.

■ 112.6650, 42.6430,
-18.4210

■ 112.6650, 42.6430,
-18.4210

■ 255.0000, -0.0000,
-0.0000

■ 87.0840, 42.7810,
-20.9230

■ 165.9320, 46.2650,
-17.9830

■ 65.0540, 34.2980,
-15.8620

■ 193.4160, 47.7780,
-17.8700

■ 44.3660, 24.8520,
-9.8680

■ 220.3020, 48.0990,
-18.1810

■ 25.1510, 15.4520,
-4.7080

■ 240.4030, 31.4570,
-24.9510

■ 0.0000, 0.0000,
0.0000

■ 247.7040, 20.5440,
-19.9040

■ 250.8960, 11.5560,

-11.1960

254.2020, 2.2470,
-2.1770

112.6650, 42.6430,
-18.4210

112.6650, 42.6430,
-18.4210

108.7210, 48.2370,
-20.6830

116.6090, 37.0490,
-16.1590

104.7770, 53.8310,
-22.9450

120.5530, 31.4550,
-13.8970

103.5060, 56.0320,
-24.2880

124.0240, 25.8150,
-10.8010

127.9680, 20.2210,
-8.5390

131.9120, 14.6270,
-6.2770

■ 135.8560, 9.0330,
-4.0150

■ 139.8000, 3.4390,
-1.7530

■ 143.8580, -2.4760,
0.8200

■ 147.2150, -7.7950,
3.6050

Harmonies

Analogous

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



114.5830, 58.2740, 1.1700



112.6650, 42.6430, -18.4210



109.2590, 14.1270, -30.2650

Triad

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



112.6650, 42.6430, -18.4210



96.3450, -85.2750, -23.9550



119.7850, 18.1040, 35.3520

Complementary

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



112.6650, 42.6430, -18.4210



63.3350, -42.6430, 18.4210

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.



117.4900, -23.8460, 24.6820



112.6650, 42.6430, -18.4210



97.4170, -93.8050, -12.5330

Square

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



112.6650, 42.6430, -18.4210



91.7850, -72.4350, -36.3950



93.7300, -95.8240, -3.4720



117.1720, 47.6310, 34.3750

Rectangle

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



112.6650, 42.6430, -18.4210



104.9770, -11.5020, -33.8540



93.7300, -95.8240, -3.4720



120.6740, 5.1750, 32.8790

Sweetspot

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



112.6650, 42.6430, -18.4210



172.0540, 17.1030, -7.0970



69.8260, 54.4170, 32.5370



84.9270, 10.2710, -4.4250



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



112.6650, 42.6430, -18.4210



138.5470, 65.9820, -28.4020



122.8110, 20.9600, -38.4640



69.0280, 2.7970, -1.1310



98.4780, 53.2350, -23.1570



5.9140, 3.1180, -1.4420

Inverse Universe

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



63.3350, -42.6430, 18.4210



61.8660, -65.7070, 28.9250



53.1890, -20.9600, 38.4640



65.9720, -2.7970, 1.1310



36.5220, -53.2350, 23.1570



2.0860, -3.1180, 1.4420

Previews

White Background



This preview shows how the YIQ color 112.6650, 42.6430, -18.4210 looks on a white 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

Black Background



This preview shows how the YIQ color 112.6650, 42.6430, -18.4210 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 112.6650, 42.6430, -18.4210

Background



This preview shows how black text looks on a background with the YIQ color 112.6650, 42.6430, -18.4210.



This preview shows how white text looks on a background with the YIQ color 112.6650, 42.6430,

-18.4210.

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

112.6650, 42.6430, -18.4210

Protanopia

111.8380, 34.6660, -22.5340

Deuteranopia

113.1000, 45.8520, -16.0040



Tritanopia

119.1710, 21.8680, 11.1800

Trichromacy



Original Color

112.6650, 42.6430, -18.4210

Protanomaly

112.4470, 37.3250, -21.1630

Deuteranomaly

113.0890, 44.3850, -16.9510

Tritanomaly

117.0280, 29.1600, 0.1680

Monochromacy



Original Color

112.6650, 42.6430, -18.4210

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9830, 15.8650, -6.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6650, 42.6430, -18.4210 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(142, 113, 34)` looks like.

```
.text, #text, p{  
    color:rgb(142, 113, 34)  
}
```

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(142, 113, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 113, 34) }
```

Border

The CSS property to change the border of an element to YIQ 112.6650, 42.6430, -18.4210 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(142, 113, 34) }
```


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

```
.border{ border-color:rgb(142, 113, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 113, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 113, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 113, 34);  
box-shadow:4px 4px 4px 4px rgb(142, 113,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6650, 42.6430, -18.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 113, 34) }
```

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

```
.background{ background-color: rgb(142,  
113, 34) }
```

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