

Converting Colors

YIQ(112.1430, 44.2930,
-15.2830)

Have a look what the booklet for
YIQ(112.1430, 44.2930, -15.2830)
contains.

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Color

**YIQ(112.1430, 44.2930,
-15.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	916E25
RGB	145, 110, 37
RGB Percent	57%, 43%, 15%
CMY	0.4313, 0.5687, 0.8547
CMYK	0.00, 0.24, 0.74, 0.43
HSL	41°, 59%, 36%
HSV	41°, 74%, 57%
XYZ	17.5879, 17.3032, 4.1680
YIQ	112.1430, 44.2930, -15.2830

Conversions

Conversions Part 2

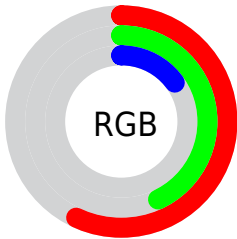
Format	Color
R_{YB}	89, 145, 37
Decimal	9530917
CIE Lab	48.64, 6.30, 44.04
CIE LCh	49, 44.493, 81.855
Yxy	17.3032, 0.4503, 0.4430
Android (android.graphics.Color)	4287720997 (0xFF916E25)
YUV	112.1430, -37.0455, 28.8156
Hunter-Lab	41.5971, 2.6777, 23.1772

Details

The YIQ color **112.1430, 44.2930, -15.2830** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **69.8570, -44.2930, 15.2830**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8230, 48.1900, -14.3220**, and **64.1900, 36.9110, -13.6570** is the 20% darker color. If you saturate the color by 10%, you get **107.6120, 50.1620, -17.0220**, and if you desaturate by 10%, it is **116.7880, 38.1030, -13.2330**.

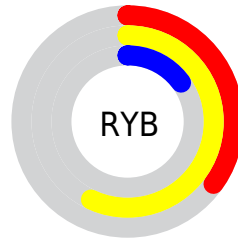
Distribution



Red (57%)

Green (43%)

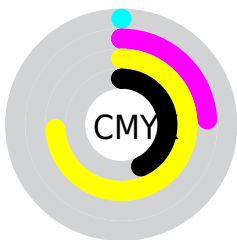
Blue (15%)



Red (35%)

Yellow (57%)

Blue (15%)

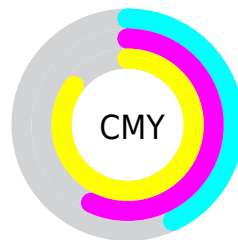


Cyan (0%)

Magenta (24%)

Yellow (74%)

Black (43%)



Cyan (43%)

Magenta (57%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1430, 44.2930, -15.2830 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 112.1430, 44.2930, -15.2830 by changing the saturation by 10% instead.

■ 112.1430, 44.2930,
-15.2830

■ 112.1430, 44.2930,
-15.2830

■ 255.0000, -0.0000,
-0.0000

■ 86.4910, 43.1930,
-17.3750

■ 164.8230, 48.1900,
-14.3220

■ 64.1900, 36.9110,
-13.6570

■ 192.1930, 50.0240,
-14.5200

■ 43.2030, 26.8690,
-7.8750

■ 218.7690, 48.2820,
-15.9900

■ 23.9880, 17.4690,
-2.7150

■ 238.2830, 31.9150,
-22.2370

■ 0.2990, 0.5960,
0.2120

■ 247.9320, 19.9020,
-19.2820

■ 0.0000, 0.0000,
0.0000

■ 251.1240, 10.9140,

-10.5740

254.4300, 1.6050,
-1.5550

112.1430, 44.2930,
-15.2830

112.1430, 44.2930,
-15.2830

107.6120, 50.1620,
-17.0220

116.7880, 38.1030,
-13.2330

103.5540, 56.0770,
-19.5950

120.7320, 32.5090,
-10.9710

100.8810, 59.4700,
-20.5140

125.3770, 26.3190,
-8.9210

129.9080, 20.4500,
-7.1820

134.5530, 14.2600,
-5.1320

■ 138.4970, 8.6660,
-2.8700

■ 143.1420, 2.4760,
-0.8200

■ 147.6730, -3.3930,
0.9190

■ 151.7310, -9.3080,
3.4920

Harmonies

Analogous

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



114.2780, 57.8150, 3.9830



112.1430, 44.2930, -15.2830



108.8790, 18.2530, -27.9470

Triad

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



112.1430, 44.2930, -15.2830



94.8460, -82.4320, -25.9200



119.0940, 12.7400, 33.4440

Complementary

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



112.1430, 44.2930, -15.2830



69.8570, -44.2930, 15.2830

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.



115.3750, -30.9520, 21.3040



112.1430, 44.2930, -15.2830



96.7330, -91.8790, -14.3990

Square

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



112.1430, 44.2930, -15.2830



89.9270, -69.9590, -37.2150



93.8610, -94.8150, -5.2390



116.7200, 43.0920, 34.0360

Rectangle

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



112.1430, 44.2930, -15.2830



105.2660, -4.9460, -31.5220



93.8610, -94.8150, -5.2390



118.6840, -0.7850, 30.7590

Sweetspot

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



112.1430, 44.2930, -15.2830



175.9940, 17.3320, -5.7400



73.3960, 52.8120, 34.0920



86.5680, 9.9040, -3.2800



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.1430, 44.2930, -15.2830



137.5630, 69.0530, -23.4830



127.3060, 23.9400, -37.4040



69.0280, 2.7970, -1.1310



93.7820, 55.4350, -18.9730



5.3270, 3.3930, -0.9190

Inverse Universe

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



69.8570, -44.2930, 15.2830



71.8500, -68.7780, 24.0060



54.6940, -23.9400, 37.4040



66.5590, -3.0720, 0.6080



41.2180, -55.4350, 18.9730



2.0860, -3.1180, 1.4420

Previews

White Background



This preview shows how the YIQ color 112.1430, 44.2930, -15.2830 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 112.1430, 44.2930, -15.2830 looks on a black 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

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

YIQ 112.1430, 44.2930, -15.2830

Background



This preview shows how black text looks on a background with the YIQ color 112.1430, 44.2930, -15.2830.



This preview shows how white text looks on a background with the YIQ color 112.1430, 44.2930, -15.2830.

-15.2830.

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

112.1430, 44.2930, -15.2830

Protanopia

111.4080, 33.0610, -20.9790

Deuteranopia

112.1430, 44.2930, -15.2830



Tritanopia

117.9650, 25.4440, 12.4520

Trichromacy



Original Color

112.1430, 44.2930, -15.2830

Protanomaly

111.6150, 36.9120, -19.1840

Deuteranomaly

112.1430, 44.2930, -15.2830

Tritanomaly

116.0500, 32.0940, 2.0620

Monochromacy



Original Color

112.1430, 44.2930, -15.2830

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9230, 16.0940, -5.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1430, 44.2930, -15.2830 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(145, 110, 37)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 37)  
}
```

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(145, 110, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 37) }
```

Border

The CSS property to change the border of an element to YIQ 112.1430, 44.2930, -15.2830 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(145, 110, 37) }
```


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

```
.border{ border-color:rgb(145, 110, 37) }
```

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

Here you see how a box with a 4 pixel rgb(145, 110, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 37);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1430, 44.2930, -15.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 37) }
```

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

```
.background{ background-color: rgb(145,  
110, 37) }
```

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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