

Converting Colors

YIQ(114.7140, 23.7520,
-11.9600)

Have a look what the booklet for
YIQ(114.7140, 23.7520, -11.9600)
contains.

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Color

**YIQ(114.7140, 23.7520,
-11.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	827444
RGB	130, 116, 68
RGB Percent	51%, 45%, 27%
CMY	0.4902, 0.5451, 0.7332
CMYK	0.00, 0.11, 0.48, 0.49
HSL	46°, 31%, 39%
HSV	46°, 48%, 51%
XYZ	16.4952, 17.6531, 8.0122
YIQ	114.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

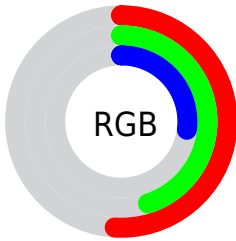
Format	Color
R_{YB}	86, 130, 68
Decimal	8549444
CIE _{Lab}	49.07, -1.59, 28.38
CIE _{LCh}	49, 28.429, 93.204
Yxy	17.6531, 0.3912, 0.4187
Android (android.graphics.Color)	4286739524 (0xFF827444)
YUV	114.7140, -23.0300, 13.4058
Hunter-Lab	42.0155, -3.4487, 18.1045

Details

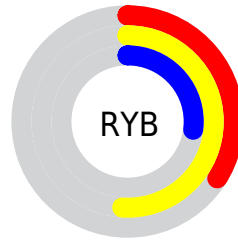
The YIQ color **114.7140, 23.7520, -11.9600** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **83.2860, -23.7520, 11.9600**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9700, 25.9070, -12.4690**, and **66.1590, 21.0010, -11.6630** is the 20% darker color. If you saturate the color by 10%, you get **111.4710, 28.7500, -14.4340**, and if you desaturate by 10%, it is **117.9570, 18.7540, -9.4860**.

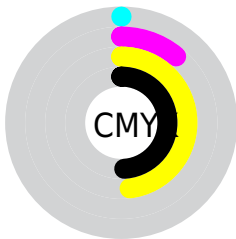
Distribution



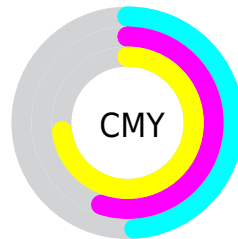
- Red (51%)
- Green (45%)
- Blue (27%)



- Red (34%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7140, 23.7520, -11.9600 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 114.7140, 23.7520, -11.9600 by changing the saturation by 10% instead.

■ 114.7140, 23.7520,
-11.9600

■ 114.7140, 23.7520,
-11.9600

■ 255.0000, -0.0000,
-0.0000

■ 90.2300, 22.2390,
-12.0730

■ 166.9700, 25.9070,
-12.4690

■ 66.1590, 21.0010,
-11.6630

■ 194.1550, 26.8240,
-12.5680

■ 43.4470, 20.1300,
-12.3980

■ 222.3400, 27.7410,
-12.6670

■ 24.8300, 11.9220,
-6.8140

■ 246.0400, 19.7180,
-15.9460

■ 0.0000, 0.0000,
0.0000

■ 251.5800, 9.6300,
-9.3300

254.8860, 0.3210,

-0.3110

■ 114.7140, 23.7520,
-11.9600

■ 114.7140, 23.7520,
-11.9600

■ 111.4710, 28.7500,
-14.4340

■ 117.9570, 18.7540,
-9.4860

■ 108.2280, 33.7480,
-16.9080

■ 121.2000, 13.7560,
-7.0120

■ 104.9850, 38.7460,
-19.3820

■ 124.4430, 8.7580,
-4.5380

■ 101.7420, 43.7440,
-21.8560

■ 127.6860, 3.7600,
-2.0640

■ 98.4990, 48.7420,
-24.3300

■ 130.9290, -1.2380,
0.4100

■ 98.1570, 49.7050,
-25.2630

■ 134.1720, -6.2360,
2.8840

■ 137.4150,
-11.2340, 5.3580

■ 140.0710,
-15.9570, 8.3550

■ 143.3140,
-20.9550, 10.8290

Harmonies

Analogous

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



116.6820, 35.9460, -1.6700



114.7140, 23.7520, -11.9600



112.1460, 4.6800, -18.7440

Triad

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



114.7140, 23.7520, -11.9600



95.7980, -73.3090, -20.5490



119.6840, 16.4100, 21.9940

Complementary

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



114.7140, 23.7520, -11.9600



83.2860, -23.7520, 11.9600

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.



118.6580, -7.0640, 17.8960



114.7140, 23.7520, -11.9600



104.3580, -59.7860, -6.8100

Square

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



114.7140, 23.7520, -11.9600



102.3200, -48.5960, -22.3880



113.6760, -33.8380, 7.5220



119.0740, 32.6870, 18.8550

Rectangle

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



114.7140, 23.7520, -11.9600



109.2950, -11.9170, -20.8210



113.6760, -33.8380, 7.5220



120.1500, 9.1660, 21.1180

Sweetspot

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



114.7140, 23.7520, -11.9600



162.4430, 8.7580, -4.5380



88.1340, 32.4580, 17.4980



80.6430, 5.3190, -2.7850



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.



114.7140, 23.7520, -11.9600



144.7290, 36.5910, -18.8730



117.8490, 9.7700, -22.8860



62.0280, 2.7970, -1.1310



96.3850, 49.0630, -24.6410



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.2860, -23.7520, 11.9600



95.8580, -36.8660, 18.3500



80.1510, -9.7700, 22.8860



58.9720, -2.7970, 1.1310



31.6150, -49.0630, 24.6410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.7140, 23.7520, -11.9600 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 114.7140, 23.7520, -11.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

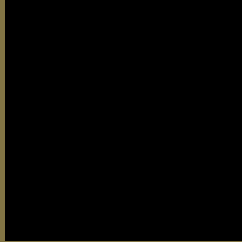
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.7140, 23.7520, -11.9600

Background



This preview shows how black text looks on a background with the YIQ color 114.7140, 23.7520, -11.9600.



This preview shows how white text looks on a background with the YIQ color 114.7140, 23.7520,

-11.9600.

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

114.7140, 23.7520, -11.9600

Protanopia

114.7030, 22.2850, -12.9070

Deuteranopia

115.4810, 31.9580, -6.4900



Tritanopia

118.5010, 12.0110, 8.0990

Trichromacy



Original Color

114.7140, 23.7520, -11.9600

Protanomaly

115.0020, 22.8810, -12.6950

Deuteranomaly

115.4590, 29.0240, -8.3840

Tritanomaly

116.9110, 16.3680, 0.7200

Monochromacy



Original Color

114.7140, 23.7520, -11.9600

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.5570, 8.4370, -4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7140, 23.7520, -11.9600 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(130, 116, 68)` looks like.

```
.text, #text, p{  
    color:rgb(130, 116, 68)  
}
```

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(130, 116, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 116, 68) }
```

Border

The CSS property to change the border of an element to YIQ 114.7140, 23.7520, -11.9600 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(130, 116, 68) }
```


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

```
.border{ border-color:rgb(130, 116, 68) }
```

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

Here you see how a box with a 4 pixel rgb(130, 116, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 116, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 116, 68);  
box-shadow:4px 4px 4px 4px rgb(130, 116,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7140, 23.7520, -11.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 116, 68) }
```

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

```
.background{ background-color: rgb(130,  
116, 68) }
```

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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