

Converting Colors

YIQ(130.4500, 24.0750,
-23.3250)

Have a look what the booklet for
YIQ(130.4500, 24.0750, -23.3250)
contains.

YIQ(130.4500, 24.0750, -23.3250)	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(130.4500, 24.0750,
-23.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8B40
RGB	139, 139, 64
RGB Percent	55%, 55%, 25%
CMY	0.4549, 0.4549, 0.7489
CMYK	0.00, 0.00, 0.54, 0.45
HSL	60°, 37%, 40%
HSV	60°, 54%, 55%
XYZ	20.8046, 24.3237, 8.4548
YIQ	130.4500, 24.0750, -23.3250

Conversions

Conversions Part 2

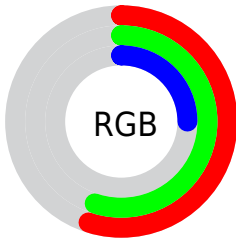
Format	Color
R_{YB}	64, 139, 64
Decimal	9145152
CIE _{Lab}	56.41, -10.78, 39.52
CIE _{LCh}	56, 40.965, 105.262
Yxy	24.3237, 0.3883, 0.4539
Android (android.graphics.Color)	4287335232 (0xFF8B8B40)
YUV	130.4500, -32.7598, 7.4984
Hunter-Lab	49.3191, -11.0106, 24.3593

Details

The YIQ color **130.4500, 24.0750, -23.3250** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **72.5500, -24.0750, 23.3250**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.7060, 26.2300, -23.8340**, and **79.8520, 22.8830, -23.7490** is the 20% darker color. If you saturate the color by 10%, you get **128.8540, 28.5690, -27.6790**, and if you desaturate by 10%, it is **132.0460, 19.5810, -18.9710**.

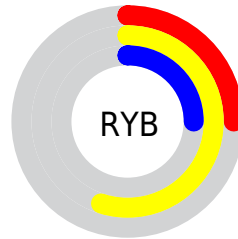
Distribution



Red (55%)

Green (55%)

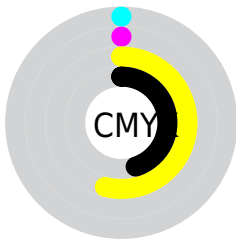
Blue (25%)



Red (25%)

Yellow (55%)

Blue (25%)

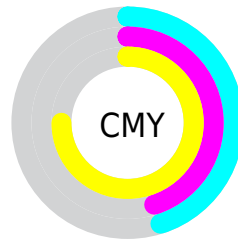


Cyan (0%)

Magenta (0%)

Yellow (54%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4500, 24.0750, -23.3250 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 130.4500, 24.0750, -23.3250 by changing the saturation by 10% instead.

■ 130.4500, 24.0750,
-23.3250

■ 130.4500, 24.0750,
-23.3250

■ 255.0000, -0.0000,
-0.0000

■ 104.9660, 22.5620,
-23.4380

■ 183.7060, 26.2300,
-23.8340

■ 79.8520, 22.8830,
-23.7490

■ 211.7770, 27.4680,
-24.2440

■ 57.2800, 18.8020,
-21.3740

■ 240.5490, 28.1100,
-24.8660

■ 37.1900, 10.5480,
-14.9560

■ 248.1600, 19.2600,
-18.6600

■ 16.4800, -1.8320,
-10.8560

■ 251.3520, 10.2720,
-9.9520

■ 0.0000, 0.0000,
0.0000

■ 254.6580, 0.9630,

-0.9330

■ 130.4500, 24.0750,
-23.3250

■ 130.4500, 24.0750,
-23.3250

■ 128.8540, 28.5690,
-27.6790

■ 132.0460, 19.5810,
-18.9710

■ 127.2580, 33.0630,
-32.0330

■ 133.6420, 15.0870,
-14.6170

■ 125.6620, 37.5570,
-36.3870

■ 135.2380, 10.5930,
-10.2630

■ 124.0660, 42.0510,
-40.7410

■ 136.8340, 6.0990,
-5.9090

■ 123.1540, 44.6190,
-43.2290

■ 138.4300, 1.6050,
-1.5550

■ 139.9120, -2.5680,
2.4880

■ 141.5080, -7.0620,
6.8420

■ 143.1040,
-11.5560, 11.1960

■ 144.7000,
-16.0500, 15.5500

Harmonies

Analogous

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



133.3870, 46.7220, -9.7420



130.4500, 24.0750, -23.3250



125.9390, -8.3390, -30.6030

Triad

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



130.4500, 24.0750, -23.3250



109.7270, -100.9100, -21.4380



138.6590, 35.8940, 32.3260

Complementary

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



130.4500, 24.0750, -23.3250



72.5500, -24.0750, 23.3250

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.



139.1960, 3.5250, 29.7410



130.4500, 24.0750, -23.3250



108.6810, -103.2960, -11.2320

Square

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



130.4500, 24.0750, -23.3250



107.8400, -91.4630, -32.9590



133.9180, -37.0950, 16.9930



136.3710, 53.9600, 24.2960

Rectangle

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



130.4500, 24.0750, -23.3250



119.9280, -36.1690, -32.8490



133.9180, -37.0950, 16.9930



139.0970, 25.8530, 32.5810

Sweetspot

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



130.4500, 24.0750, -23.3250



177.6940, 9.3090, -9.0190



86.4250, 44.7000, 15.9000



89.9480, 5.7780, -5.5980



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.



130.4500, 24.0750, -23.3250



167.5480, 37.8780, -36.6980



119.3870, 2.0230, -31.1690



68.2020, 2.2470, -2.1770



117.8380, 42.6930, -41.3630



4.4300, 1.6050, -1.5550

Inverse Universe

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



72.5500, -24.0750, 23.3250



76.4520, -37.8780, 36.6980



83.9120, -1.4270, 31.3810



62.7980, -2.2470, 2.1770



15.1620, -42.6930, 41.3630



0.5700, -1.6050, 1.5550

Previews

White Background



This preview shows how the YIQ color 130.4500, 24.0750, -23.3250 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 130.4500, 24.0750, -23.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

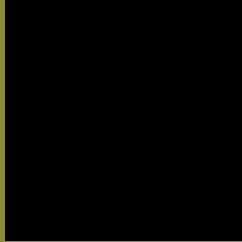
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4500, 24.0750, -23.3250

Background



This preview shows how black text looks on a background with the YIQ color 130.4500, 24.0750, -23.3250.



This preview shows how white text looks on a background with the YIQ color 130.4500, 24.0750,

-23.3250.

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

130.4500, 24.0750, -23.3250

Protanopia

131.2770, 32.0520, -19.2120

Deuteranopia

132.9950, 41.9540, -11.4380



Tritanopia

136.9240, 6.3260, 6.5020

Trichromacy



Original Color

130.4500, 24.0750, -23.3250

Protanomaly

130.6680, 29.3930, -20.5830

Deuteranomaly

132.2390, 35.2150, -15.9610

Tritanomaly

134.5960, 12.7010, -4.4110

Monochromacy



Original Color

130.4500, 24.0750, -23.3250

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9220, 8.6670, -8.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4500, 24.0750, -23.3250 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(139, 139, 64)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 64)  
}
```

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(139, 139, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 64) }
```

Border

The CSS property to change the border of an element to YIQ 130.4500, 24.0750, -23.3250 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(139, 139, 64) }
```


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

```
.border{ border-color:rgb(139, 139, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 64);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4500, 24.0750, -23.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 64) }
```

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

```
.background{ background-color: rgb(139,  
139, 64) }
```

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