

Converting Colors

YIQ(130.6220, 36.1750, -0.3130)

Have a look what the booklet for
YIQ(130.6220, 36.1750, -0.3130)
contains.

YIQ(130.6220, 36.1750, -0.3130)	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(130.6220, 36.1750,
-0.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	A5795A
RGB	165, 121, 90
RGB Percent	65%, 47%, 35%
CMY	0.3529, 0.5255, 0.6469
CMYK	0.00, 0.27, 0.45, 0.35
HSL	25°, 29%, 50%
HSV	25°, 45%, 65%
XYZ	24.2040, 22.4108, 12.7324
YIQ	130.6220, 36.1750, -0.3130

Conversions

Conversions Part 2

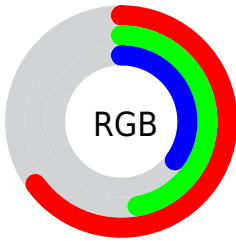
Format	Color
R_{YB}	165, 143, 90
Decimal	10844506
CIE Lab	54.46, 13.21, 23.68
CIE LCh	54, 27.119, 60.838
Yxy	22.4108, 0.4078, 0.3776
Android (android.graphics.Color)	4289034586 (0xFFA5795A)
YUV	130.6220, -20.0266, 30.1495
Hunter-Lab	47.3401, 8.4182, 17.1916

Details

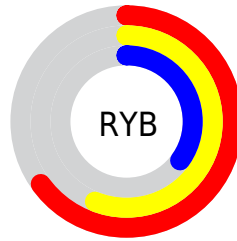
The YIQ color $130.6220, 36.1750, -0.3130$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $124.3780, -36.1750, 0.3130$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.8890, 39.7970, 0.1250$, and $80.4690, 32.2320, -0.4400$ is the 20% darker color. If you saturate the color by 10%, you get $122.9280, 44.0610, -0.0590$, and if you desaturate by 10%, it is $138.4300, 27.9680, -0.2560$.

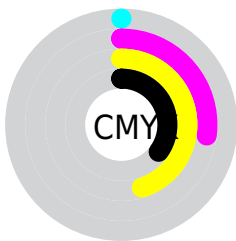
Distribution



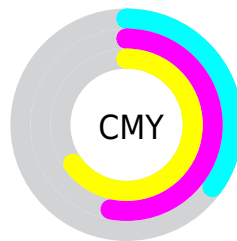
- Red (65%)
- Green (47%)
- Blue (35%)



- Red (65%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.6220, 36.1750, -0.3130 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 130.6220, 36.1750, -0.3130 by changing the saturation by 10% instead.


 130.6220, 36.1750,
-0.3130


 130.6220, 36.1750,
-0.3130


255.0000, -0.0000,
-0.0000


 105.1380, 34.6620,
-0.4260


 183.8890, 39.7970,
0.1250


 80.4690, 32.2320,
-0.4400


 212.0740, 40.7140,
0.0260

 57.2730, 29.8480,
-1.2880

 232.7840, 26.7310,
-5.3730

 34.6750, 28.6560,
-1.7120

 251.2380, 10.5930,
-10.2630

 13.9980, 20.6770,
5.2290

 254.5440, 1.2840,
-1.2440

 0.0000, 0.0000,
0.0000

■ 130.6220, 36.1750,
-0.3130

■ 130.6220, 36.1750,
-0.3130

■ 122.9280, 44.0610,
-0.0590

■ 138.4300, 27.9680,
-0.2560

■ 115.7070, 51.9930,
-0.6390

■ 145.5370, 20.3570,
0.0130

■ 108.0130, 59.8790,
-0.3850

■ 153.3450, 12.1500,
0.0700

■ 100.2050, 68.0860,
-0.4420

■ 161.0390, 4.2640,
-0.1840

■ 93.0980, 75.6970,
-0.7110

■ 168.2600, -3.6680,
0.3960

■ 89.2510, 79.6400,
-0.5840

■ 175.9540,
-11.5540, 0.1420

■ 183.7620,
-19.7610, 0.1990

■ 191.4560,

-27.6470, -0.0550

■ 198.6770,
-35.5790, 0.5250

Harmonies

Analogous

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



131.7400, 39.1990, 10.9670



130.6220, 36.1750, -0.3130



128.8390, 24.8980, -10.7020

Triad

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



130.6220, 36.1750, -0.3130



118.4950, -41.7190, -20.3670



132.2340, -8.8060, 16.4260

Complementary

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



130.6220, 36.1750, -0.3130



124.3780, -36.1750, 0.3130

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.



127.2630, -34.1130, 6.9990



130.6220, 36.1750, -0.3130



115.4470, -58.9590, -16.2950

Square

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



130.6220, 36.1750, -0.3130



122.7720, -17.6940, -20.7500



120.2230, -54.9720, -5.9480



133.6730, 14.9430, 21.0470

Rectangle

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



130.6220, 36.1750, -0.3130



127.3320, 13.0240, -15.7760



120.2230, -54.9720, -5.9480



131.1620, -17.4710, 13.7690

Sweetspot

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



130.6220, 36.1750, -0.3130



200.6010, 14.3050, -0.4390



117.5550, 30.2550, 29.8950



98.4910, 8.8030, 0.1550



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



130.6220, 36.1750, -0.3130



160.0450, 56.8530, -0.6110



152.3410, 26.0000, -19.6640



78.0390, 4.2640, -0.1840



78.5750, 69.9200, -0.6400



9.4910, 8.8030, 0.1550

Inverse Universe

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



124.3780, -36.1750, 0.3130



150.5420, -57.1280, 0.0880



103.2460, -26.2750, 19.1410



76.9610, -4.2640, 0.1840



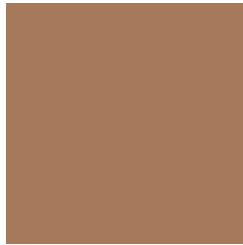
66.4250, -69.9200, 0.6400



7.9220, -8.5280, 0.3680

Previews

White Background



This preview shows how the YIQ color 130.6220, 36.1750, -0.3130 looks on a white background.

Color Contrast Check

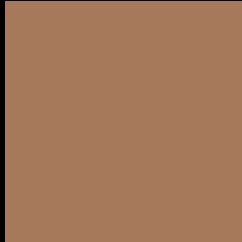
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6220, 36.1750, -0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

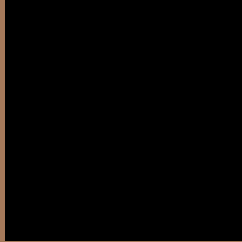
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.6220, 36.1750, -0.3130

Background



This preview shows how black text looks on a background with the YIQ color 130.6220, 36.1750, -0.3130.



This preview shows how white text looks on a background with the YIQ color 130.6220, 36.1750, -0.3130.

-0.3130.

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

130.6220, 36.1750, -0.3130

Protanopia

128.8860, 17.5160, -9.0760

Deuteranopia

130.1650, 30.0320, -4.6240



Tritanopia

132.5740, 28.1030, 13.8230

Trichromacy



Original Color

130.6220, 36.1750, -0.3130

Protanomaly

129.7020, 24.0260, -5.9100

Deuteranomaly

130.4750, 32.0950, -3.4650

Tritanomaly

131.9670, 31.1300, 8.5220

Monochromacy



Original Color

130.6220, 36.1750, -0.3130

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.5300, 13.0670, -0.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6220, 36.1750, -0.3130 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(165, 121, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 121, 90)  
}
```

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(165, 121, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 121, 90) }
```

Border

The CSS property to change the border of an element to YIQ 130.6220, 36.1750, -0.3130 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(165, 121, 90) }
```


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

```
.border{ border-color:rgb(165, 121, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 121, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 121, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 121, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 121,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 130.6220, 36.1750, -0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 121, 90) }
```

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

```
.background{ background-color: rgb(165,  
121, 90) }
```

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