

Converting Colors

YIQ(36.5150, -0.9130, -22.0090)

Have a look what the booklet for
YIQ(36.5150, -0.9130, -22.0090)
contains.

YIQ(36.5150, -0.9130, -22.0090)	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(36.5150, -0.9130,
-22.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	163300
RGB	22, 51, 0
RGB Percent	9%, 20%, 0%
CMY	0.9138, 0.7999, 1.0000
CMYK	0.57, 0.00, 1.00, 0.80
HSL	94°, 100%, 10%
HSV	94°, 100%, 20%
XYZ	1.5147, 2.5390, 0.4105
YIQ	36.5150, -0.9130, -22.0090

Conversions

Conversions Part 2

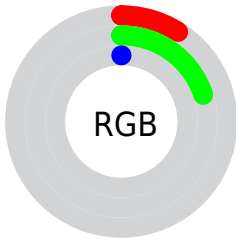
Format	Color
RYB	0, 51, 29
Decimal	1454848
CIELab	18.09, -21.13, 25.33
CIELCh	18, 32.984, 129.843
Yxy	2.5390, 0.3393, 0.5687
Android (android.graphics.Color)	4279644928 (0xFF163300)
YUV	36.5150, -18.0019, -12.7297
Hunter-Lab	15.9343, -10.9167, 9.6265

Details

The YIQ color **36.5150, -0.9130, -22.0090** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.4850, 0.9130, 22.0090**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **83.2160, -1.5090, -22.2210**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.5150, -0.9130, -22.0090**, and if you desaturate by 10%, it is **37.9820, -0.7300, -19.8180**.

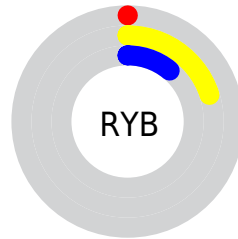
Distribution



Red (9%)

Green (20%)

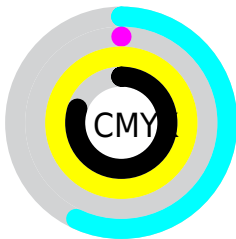
Blue (0%)



Red (0%)

Yellow (20%)

Blue (11%)

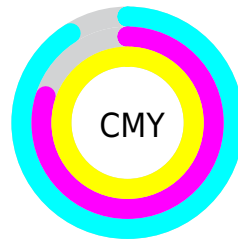


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (91%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.5150, -0.9130, -22.0090 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 36.5150, -0.9130, -22.0090 by changing the saturation by 10% instead.

■ 36.5150, -0.9130,
-22.0090

■ 36.5150, -0.9130,
-22.0090

■ 251.9220, 8.6670,
-8.3970

■ 18.1970, -8.5250,
-16.2130

■ 83.2160, -1.5090,
-22.2210

■ 0.0000, 0.0000,
0.0000

■ 107.6890, -1.4630,
-23.0550

■ 133.4610, -0.8210,
-23.6770

■ 159.3470, -0.5000,
-23.9880

■ 186.8200, -0.4540,
-24.8220

■ 214.4070, -0.7290,

-25.3450

■ 240.2440, 1.2880,
-23.3520

■ 36.5150, -0.9130,
-22.0090

■ 37.9820, -0.7300,
-19.8180

■ 39.4490, -0.5470,
-17.6270

■ 40.9160, -0.3640,
-15.4360

■ 42.3830, -0.1810,
-13.2450

■ 43.6650, -0.9150,
-10.9550

■ 45.1320, -0.7320,
-8.7640

■ 46.5990, -0.5490,
-6.5730

■ 48.0660, -0.3660,
-4.3820

■ 49.5330, -0.1830,
-2.1910

Harmonies

Analogous

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



41.6530, 16.5540, -13.6700



36.5150, -0.9130, -22.0090



34.7760, -23.5170, -19.8450

Triad

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



36.5150, -0.9130, -22.0090



40.0830, -42.5940, 1.0060



40.4980, 34.4290, 20.3250

Complementary

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



36.5150, -0.9130, -22.0090



14.4850, 0.9130, 22.0090

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.



43.1900, 20.8570, 24.0010



36.5150, -0.9130, -22.0090



36.7890, -41.5860, 4.7660

Square

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



36.5150, -0.9130, -22.0090



40.1340, -38.6040, -5.2280



45.6370, -2.5710, 19.0690



41.3760, 37.2280, 8.1400

Rectangle

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



36.5150, -0.9130, -22.0090



37.1870, -28.9280, -15.3920



45.6370, -2.5710, 19.0690



41.1110, 31.2650, 22.6010

Sweetspot

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



36.5150, -0.9130, -22.0090



60.4310, -0.1360, -8.5520



32.2720, 22.4210, -4.3550



29.5390, -0.3200, -5.2160



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



36.5150, -0.9130, -22.0090



47.4130, -0.8660, -28.3700



30.2790, -14.9880, -25.7400



25.0600, -0.2290, -1.3570



63.6050, -1.8270, -38.4910



155.1860, -4.2470, -93.7750

Inverse Universe

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



14.4850, 0.9130, 22.0090



18.8860, 1.4620, 28.5820



20.7210, 14.9880, 25.7400



23.6410, -0.3670, 1.1450



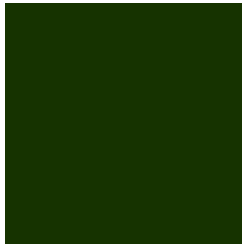
25.3950, 1.8270, 38.4910



61.5150, 3.6510, 93.5630

Previews

White Background



This preview shows how the YIQ color 36.5150, -0.9130, -22.0090 looks on a white background.

Color Contrast Check

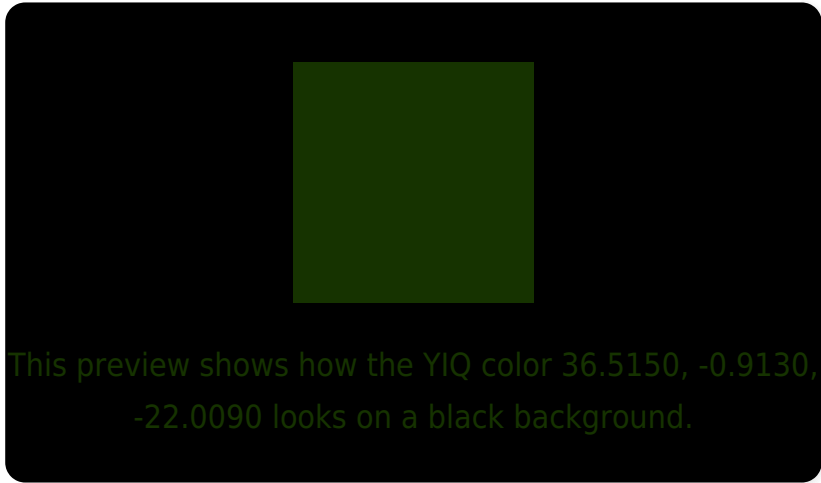
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 36.5150, -0.9130, -22.0090

Background



This preview shows how black text looks on a background with the YIQ color 36.5150, -0.9130, -22.0090.



This preview shows how white text looks on a background with the YIQ color 36.5150, -0.9130,

-22.0090.

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

36.5150, -0.9130, -22.0090

Protanopia

41.3650, 17.4250, -12.9350

Deuteranopia

42.6520, 18.2950, -6.6730



Tritanopia

42.3730, -11.4160, -2.3600

Trichromacy



Original Color

36.5150, -0.9130, -22.0090

Protanomaly

39.5490, 10.9150, -16.1010

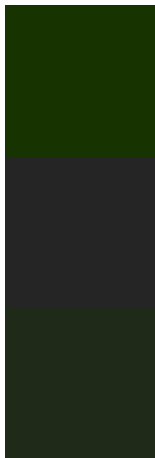
Deuteranomaly

40.3690, 11.6020, -12.0300

Tritanomaly

39.8970, -7.3800, -9.4280

Monochromacy



Original Color

36.5150, -0.9130, -22.0090

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.9580, -0.1820, -7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.5150, -0.9130, -22.0090 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(22, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(22, 51, 0)  
}
```

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(22, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 51, 0) }
```

Border

The CSS property to change the border of an element to YIQ 36.5150, -0.9130, -22.0090 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(22, 51, 0) }
```


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

```
.border{ border-color:rgb(22, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 51, 0); box-shadow:4px  
4px 4px 4px rgb(22, 51, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 36.5150, -0.9130, -22.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 51, 0) }
```

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

```
.background{ background-color: rgb(22, 51,  
0) }
```

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