

Converting Colors

YIQ(146.1500, 25.2200,
-16.5400)

Have a look what the booklet for
YIQ(146.1500, 25.2200, -16.5400)
contains.

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Color

**YIQ(146.1500, 25.2200,
-16.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	A0965A
RGB	160, 150, 90
RGB Percent	63%, 59%, 35%
CMY	0.3726, 0.4118, 0.6469
CMYK	0.00, 0.06, 0.44, 0.37
HSL	51°, 28%, 49%
HSV	51°, 44%, 63%
XYZ	27.2492, 30.0233, 14.0401
YIQ	146.1500, 25.2200, -16.5400

Conversions

Conversions Part 2

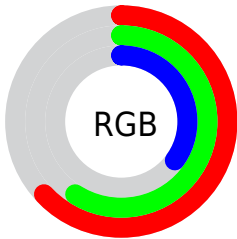
Format	Color
RYB	102, 160, 90
Decimal	10524250
CIELab	61.67, -5.11, 32.88
CIELCh	62, 33.275, 98.836
Yxy	30.0233, 0.3821, 0.4210
Android (android.graphics.Color)	4288714330 (0xFFA0965A)
YUV	146.1500, -27.6819, 12.1465
Hunter-Lab	54.7936, -7.1195, 23.1632

Details

The YIQ color $146.1500, 25.2200, -16.5400$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $103.8500, -25.2200, 16.5400$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.4060, 27.3750, -17.0490$, and $94.8940, 23.0650, -16.0310$ is the 20% darker color. If you saturate the color by 10%, you get $143.1520, 30.9060, -20.4700$, and if you desaturate by 10%, it is $149.1480, 19.5340, -12.6100$.

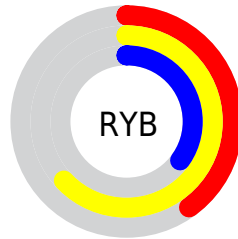
Distribution



Red (63%)

Green (59%)

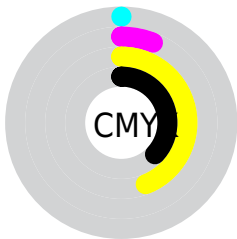
Blue (35%)



Red (40%)

Yellow (63%)

Blue (35%)

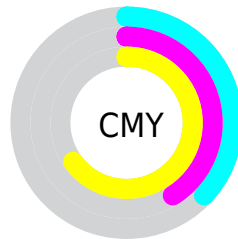


Cyan (0%)

Magenta (6%)

Yellow (44%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1500, 25.2200, -16.5400 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 146.1500, 25.2200, -16.5400 by changing the saturation by 10% instead.

■ 146.1500, 25.2200,
-16.5400

■ 146.1500, 25.2200,
-16.5400

■ 255.0000, -0.0000,
-0.0000

■ 120.0790, 23.9820,
-16.1300

■ 200.4060, 27.3750,
-17.0490

■ 94.8940, 23.0650,
-16.0310

■ 228.5910, 28.2920,
-17.1480

■ 71.2960, 21.8730,
-16.4550

■ 248.1600, 19.2600,
-18.6600

■ 48.4530, 19.9930,
-15.4230

■ 251.3520, 10.2720,
-9.9520

■ 28.9500, 11.4640,
-9.5280

■ 254.6580, 0.9630,
-0.9330

■ 5.8700, -2.7500,
-5.2300

■ 0.0000, 0.0000,

0.0000

■ 146.1500, 25.2200,
-16.5400

■ 146.1500, 25.2200,
-16.5400

■ 143.1520, 30.9060,
-20.4700

■ 149.1480, 19.5340,
-12.6100

■ 139.5670, 36.8670,
-23.8770

■ 152.7330, 13.5730,
-9.2030

■ 136.5690, 42.5530,
-27.8070

■ 155.7310, 7.8870,
-5.2730

■ 133.5710, 48.2390,
-31.7370

■ 158.7290, 2.2010,
-1.3430

■ 130.5730, 53.9250,
-35.6670

■ 161.7270, -3.4850,
2.5870

■ 128.2590, 57.6850,
-37.7310

■ 165.3120, -9.4460,
5.9940

■ 168.3100,
-15.1320, 9.9240

■ 171.3080,
-20.8180, 13.8540

■ 174.8930,
-26.7790, 17.2610

Harmonies

Analogous

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



148.5100, 42.1820, -4.5540



146.1500, 25.2200, -16.5400



142.6460, 0.0960, -23.7760

Triad

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



146.1500, 25.2200, -16.5400



125.7410, -86.3300, -21.3540



152.9240, 24.6620, 26.6300

Complementary

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



146.1500, 25.2200, -16.5400



103.8500, -25.2200, 16.5400

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.



152.2720, -2.8010, 23.2390



146.1500, 25.2200, -16.5400



137.1170, -66.2970, -4.4490

Square

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



146.1500, 25.2200, -16.5400



130.3010, -64.7800, -26.4440



147.2400, -35.3060, 12.1020



151.6300, 42.8650, 21.6250

Rectangle

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



146.1500, 25.2200, -16.5400



139.6420, -20.4440, -25.9800



147.2400, -35.3060, 12.1020



153.3190, 16.1800, 26.1640

Sweetspot

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



146.1500, 25.2200, -16.5400



203.5740, 9.7670, -6.3050



112.1840, 38.1890, 18.2610



101.3010, 6.2820, -3.7180



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



146.1500, 25.2200, -16.5400



187.7690, 39.1140, -26.0540



144.8440, 8.1660, -26.8580



77.5010, 2.8430, -1.9650



114.3710, 51.6780, -33.4900



12.1160, 5.3650, -3.6190

Inverse Universe

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



103.8500, -25.2200, 16.5400



121.8180, -39.3890, 25.5310



105.4550, -7.5700, 27.0700



72.4990, -2.8430, 1.9650



28.0420, -51.4030, 34.0130



2.8840, -5.3650, 3.6190

Previews

White Background



This preview shows how the YIQ color 146.1500, 25.2200, -16.5400 looks on a white background.

Color Contrast Check

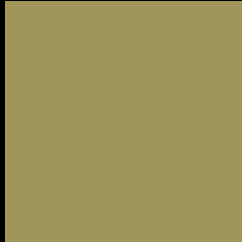
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1500, 25.2200, -16.5400 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 ✓ Pass

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

YIQ 146.1500, 25.2200, -16.5400

Background



This preview shows how black text looks on a background with the YIQ color 146.1500, 25.2200, -16.5400.



This preview shows how white text looks on a background with the YIQ color 146.1500, 25.2200,

-16.5400.

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

146.1500, 25.2200, -16.5400

Protanopia

146.4600, 27.2830, -15.3810

Deuteranopia

147.6620, 38.6980, -7.4940



Tritanopia

150.8430, 11.0480, 9.0320

Trichromacy



Original Color

146.1500, 25.2200, -16.5400

Protanomaly

146.1610, 26.6870, -15.5930

Deuteranomaly

147.2160, 34.0220, -10.8580

Tritanomaly

149.0850, 15.8180, -0.3260

Monochromacy



Original Color

146.1500, 25.2200, -16.5400

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.8020, 9.1250, -5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1500, 25.2200, -16.5400 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(160, 150, 90)` looks like.

```
.text, #text, p{  
    color:rgb(160, 150, 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(160, 150, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 150, 90) }
```

Border

The CSS property to change the border of an element to YIQ 146.1500, 25.2200, -16.5400 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(160, 150, 90) }
```


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

```
.border{ border-color:rgb(160, 150, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 150, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 150, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 150, 90);  
box-shadow:4px 4px 4px 4px rgb(160, 150,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1500, 25.2200, -16.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 150, 90) }
```

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

```
.background{ background-color: rgb(160,  
150, 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](#).

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