

Converting Colors

YIQ(165.4320, 24.4860,
-14.2500)

Have a look what the booklet for
YIQ(165.4320, 24.4860, -14.2500)
contains.

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Color

**YIQ(165.4320, 24.4860,
-14.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A872
RGB	180, 168, 114
RGB Percent	71%, 66%, 45%
CMY	0.2941, 0.3412, 0.5528
CMYK	0.00, 0.07, 0.37, 0.29
HSL	49°, 31%, 58%
HSV	49°, 37%, 71%
XYZ	35.8630, 38.9222, 21.5527
YIQ	165.4320, 24.4860, -14.2500

Conversions

Conversions Part 2

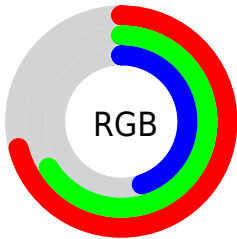
Format	Color
RYB	129, 180, 114
Decimal	11839602
CIELab	68.69, -3.76, 29.47
CIELCh	69, 29.706, 97.272
Yxy	38.9222, 0.3723, 0.4040
Android (android.graphics.Color)	4290029682 (0xFFB4A872)
YUV	165.4320, -25.3560, 12.7761
Hunter-Lab	62.3877, -6.5691, 23.1888

Details

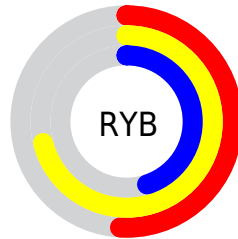
The YIQ color **165.4320, 24.4860, -14.2500** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.5680, -24.4860, 14.2500**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6880, 26.6410, -14.7590**, and **113.1760, 22.3310, -13.7410** is the 20% darker color. If you saturate the color by 10%, you get **161.6190, 31.0890, -18.2790**, and if you desaturate by 10%, it is **169.2450, 17.8830, -10.2210**.

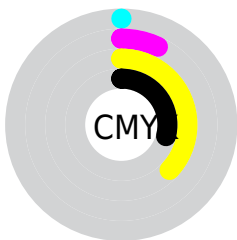
Distribution



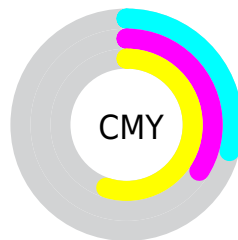
- Red (71%)
- Green (66%)
- Blue (45%)



- Red (51%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4320, 24.4860, -14.2500 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 165.4320, 24.4860, -14.2500 by changing the saturation by 10% instead.

■ 165.4320, 24.4860,
-14.2500

■ 165.4320, 24.4860,
-14.2500

■ 255.0000, -0.0000,
-0.0000

■ 139.2470, 23.5690,
-14.1510

■ 220.6880, 26.6410,
-14.7590

■ 113.1760, 22.3310,
-13.7410

■ 246.2850, 20.4060,
-17.4020

■ 88.6920, 20.8180,
-13.8540

■ 251.2380, 10.5930,
-10.2630

■ 64.5070, 19.9010,
-13.7550

■ 254.5440, 1.2840,
-1.2440

■ 42.5500, 18.3420,
-13.0340

■ 23.6340, 9.5380,
-7.6620

■ 0.0000, 0.0000,

0.0000

■ 165.4320, 24.4860,
-14.2500

■ 165.4320, 24.4860,
-14.2500

■ 161.6190, 31.0890,
-18.2790

■ 169.2450, 17.8830,
-10.2210

■ 157.2190, 37.9670,
-21.7850

■ 173.6450, 11.0050,
-6.7150

■ 153.4060, 44.5700,
-25.8140

■ 177.4580, 4.4020,
-2.6860

■ 149.5930, 51.1730,
-29.8430

■ 181.2710, -2.2010,
1.3430

■ 145.7800, 57.7760,
-33.8720

■ 185.0840, -8.8040,
5.3720

■ 141.3800, 64.6540,
-37.3780

■ 189.4840,
-15.6820, 8.8780

■ 140.1090, 66.8550,
-38.7210

■ 193.2970,
-22.2850, 12.9070

■ 196.7680,
-27.9250, 16.0030

■ 198.5290,
-28.7500, 14.4340

Harmonies

Analogous

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



167.8950, 39.6600, -2.9000



165.4320, 24.4860, -14.2500



162.5970, 1.7920, -21.4720

Triad

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



165.4320, 24.4860, -14.2500



153.1520, -65.3780, -15.6020



171.4890, 21.4530, 24.2130

Complementary

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



165.4320, 24.4860, -14.2500



128.5680, -24.4860, 14.2500

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.



170.5060, -3.5800, 20.8360



165.4320, 24.4860, -14.2500



158.7330, -56.3480, -3.0360

Square

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



165.4320, 24.4860, -14.2500



153.7650, -51.3470, -22.0910



166.2680, -32.5090, 10.9710



170.8360, 39.2890, 20.3530

Rectangle

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



165.4320, 24.4860, -14.2500



159.6750, -16.0430, -23.1390



166.2680, -32.5090, 10.9710



172.0690, 13.8880, 23.6480

Sweetspot

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



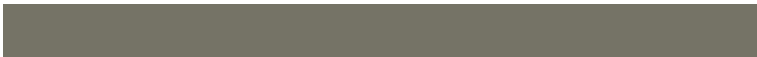
165.4320, 24.4860, -14.2500



229.1010, 9.7210, -5.4710



135.1020, 35.4840, 17.7240



114.1160, 5.3650, -3.6190



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



165.4320, 24.4860, -14.2500



211.9910, 38.6090, -22.4070



166.1970, 8.6700, -24.9780



87.3870, 3.1640, -2.2760



119.1220, 56.8130, -32.9390



20.1010, 9.7210, -5.4710

Inverse Universe

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



128.5680, -24.4860, 14.2500



154.0090, -38.6090, 22.4070



127.8030, -8.6700, 24.9780



82.2000, -3.4390, 1.7530



33.8780, -56.8130, 32.9390



5.8990, -9.7210, 5.4710

Previews

White Background



This preview shows how the YIQ color 165.4320, 24.4860, -14.2500 looks on a white 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

Black Background



This preview shows how the YIQ color 165.4320, 24.4860, -14.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

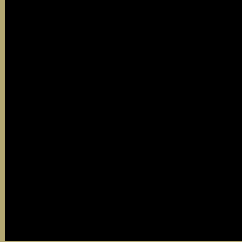
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4320, 24.4860, -14.2500

Background



This preview shows how black text looks on a background with the YIQ color 165.4320, 24.4860, -14.2500.



This preview shows how white text looks on a background with the YIQ color 165.4320, 24.4860,

-14.2500.

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

165.4320, 24.4860, -14.2500

Protanopia

165.7310, 25.0820, -14.0380

Deuteranopia

166.9440, 37.9640, -5.2040



Tritanopia

170.1420, 11.6440, 9.2440

Trichromacy



Original Color

165.4320, 24.4860, -14.2500

Protanomaly

165.7310, 25.0820, -14.0380

Deuteranomaly

166.4980, 33.2880, -8.5680

Tritanomaly

168.6120, 15.7720, 0.5080

Monochromacy



Original Color

165.4320, 24.4860, -14.2500

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9160, 8.8040, -5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4320, 24.4860, -14.2500 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(180, 168, 114)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 114)  
}
```

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(180, 168, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 114) }
```

Border

The CSS property to change the border of an element to YIQ 165.4320, 24.4860, -14.2500 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(180, 168, 114) }
```


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

```
.border{ border-color:rgb(180, 168, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 114);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4320, 24.4860, -14.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 114) }
```

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

```
.background{ background-color: rgb(180,  
168, 114) }
```

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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