

Converting Colors

YIQ(145.0420, 43.7400, 0.2520)

Have a look what the booklet for
YIQ(145.0420, 43.7400, 0.2520)
contains.

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Color

**YIQ(145.0420, 43.7400,
0.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8561
RGB	187, 133, 97
RGB Percent	73%, 52%, 38%
CMY	0.2666, 0.4785, 0.6194
CMYK	0.00, 0.29, 0.48, 0.27
HSL	24°, 40%, 56%
HSV	24°, 48%, 73%
XYZ	31.0446, 28.2010, 15.1289
YIQ	145.0420, 43.7400, 0.2520

Conversions

Conversions Part 2

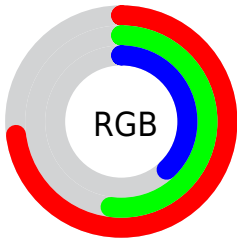
Format	Color
R_{YB}	187, 157, 97
Decimal	12289377
CIE _{Lab}	60.07, 16.45, 27.57
CIE _{LCh}	60, 32.102, 59.172
Yxy	28.2010, 0.4174, 0.3792
Android (android.graphics.Color)	4290479457 (0xFFBB8561)
YUV	145.0420, -23.6847, 36.7972
Hunter-Lab	53.1047, 11.4167, 20.2822

Details

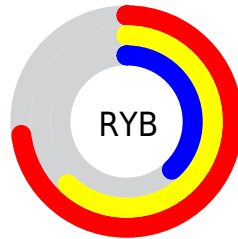
The YIQ color $145.0420, 43.7400, 0.2520$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $138.9580, -43.7400, -0.2520$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.3090, 47.3620, 0.6900$, and $93.5900, 39.2010, -0.0870$ is the 20% darker color. If you saturate the color by 10%, you get $136.4190, 52.8640, 0.0960$, and if you desaturate by 10%, it is $153.6650, 34.6160, 0.4080$.

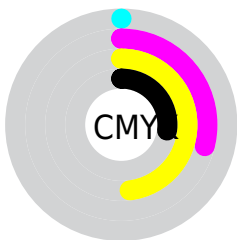
Distribution



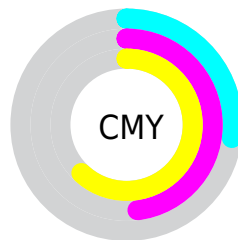
- Red (73%)
- Green (52%)
- Blue (38%)



- Red (73%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (48%)
- Black (27%)





- Cyan (27%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.0420, 43.7400, 0.2520 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 145.0420, 43.7400, 0.2520 by changing the saturation by 10% instead.


 145.0420, 43.7400,
0.2520


 145.0420, 43.7400,
0.2520


255.0000, -0.0000,
-0.0000


 119.2590, 41.6310,
-0.0730


 199.3090, 47.3620,
0.6900

 93.5900, 39.2010,
-0.0870


 221.8130, 36.9550,
-3.4370


 69.5080, 36.4960,
-0.6240

 241.3270, 20.5880,
-9.6840

 46.0840, 34.7540,
-2.0940

 252.2640, 7.7040,
-7.4640

 25.8260, 26.9130,
2.3450

 9.0840, 17.5590,
6.6710

 0.0000, 0.0000,

0.0000

■ 145.0420, 43.7400,
0.2520

■ 145.0420, 43.7400,
0.2520

■ 136.4190, 52.8640,
0.0960

■ 153.6650, 34.6160,
0.4080

■ 127.9100, 61.6670,
0.2510

■ 162.1740, 25.8130,
0.2530

■ 118.7000, 71.0660,
0.6180

■ 171.3840, 16.4140,
-0.1140

■ 110.0770, 80.1900,
0.4620

■ 180.0070, 7.2900,
0.0420

■ 101.5680, 88.9930,
0.6170

■ 188.6300, -1.8340,
0.1980

■ 99.9380, 90.8270,
0.4190

■ 197.1390,
-10.6370, 0.0430

■ 206.3490,
-20.0360, -0.3240

■ 214.9720,
-29.1600, -0.1680

■ 222.3410,
-34.7530, -3.4330

Harmonies

Analogous

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



146.4420, 46.0300, 13.8220



145.0420, 43.7400, 0.2520



143.0090, 30.1710, -12.6530

Triad

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



145.0420, 43.7400, 0.2520



129.6570, -51.1630, -25.4270



147.0750, -12.6120, 19.3240

Complementary

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



145.0420, 43.7400, 0.2520



138.9580, -43.7400, -0.2520

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.



140.5870, -43.8330, 6.9430



145.0420, 43.7400, 0.2520



122.9930, -78.3520, -22.7680

Square

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



145.0420, 43.7400, 0.2520



135.7670, -19.2980, -24.7220



129.7310, -71.2020, -9.1700



148.7920, 16.2260, 25.3300

Rectangle

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



145.0420, 43.7400, 0.2520



141.1920, 16.2340, -18.8860



129.7310, -71.2020, -9.1700



145.1060, -23.0650, 16.0310

Sweetspot

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



145.0420, 43.7400, 0.2520



226.3840, 16.4140, -0.1140



130.2940, 35.6640, 36.4960



112.6760, 9.7200, 0.0560



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



145.0420, 43.7400, 0.2520



176.7320, 68.0400, 0.3920



170.8700, 31.6400, -22.7600



90.0390, 4.2640, -0.1840



84.2230, 76.8430, 0.5470



16.3130, 15.1760, 0.2960

Inverse Universe

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



138.9580, -43.7400, -0.2520



167.2680, -68.0400, -0.3920



113.7170, -31.9150, 22.2370



89.5480, -4.5390, -0.3390



73.7770, -76.8430, -0.5470



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 145.0420, 43.7400, 0.2520 looks on a white background.

Color Contrast Check

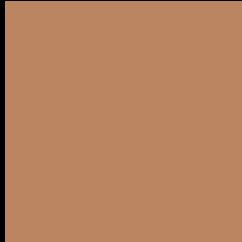
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0420, 43.7400, 0.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

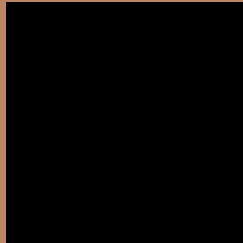
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.0420, 43.7400, 0.2520

Background



This preview shows how black text looks on a background with the YIQ color 145.0420, 43.7400, 0.2520.



This preview shows how white text looks on a background with the YIQ color 145.0420, 43.7400,

0.2520.

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

145.0420, 43.7400, 0.2520

Protanopia

143.6860, 20.9550, -10.8290

Deuteranopia

144.5630, 34.6630, -5.9530



Tritanopia

147.5640, 34.0630, 15.9430

Trichromacy



Original Color

145.0420, 43.7400, 0.2520

Protanomaly

144.3990, 29.2530, -7.0270

Deuteranomaly

144.8840, 38.1930, -3.8470

Tritanomaly

146.7290, 37.7320, 10.0200

Monochromacy



Original Color

145.0420, 43.7400, 0.2520

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1990, 15.4970, -0.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.0420, 43.7400, 0.2520 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(187, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(187, 133, 97)  
}
```

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(187, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 133, 97) }
```

Border

The CSS property to change the border of an element to YIQ 145.0420, 43.7400, 0.2520 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(187, 133, 97) }
```


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

```
.border{ border-color:rgb(187, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(187, 133,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 145.0420, 43.7400, 0.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 133, 97) }
```

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

```
.background{ background-color: rgb(187,  
133, 97) }
```

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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