

Converting Colors

YIQ(144.5330, 52.5430, 0.4070)

Have a look what the booklet for
YIQ(144.5330, 52.5430, 0.4070)
contains.

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Color

**YIQ(144.5330, 52.5430,
0.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	C38257
RGB	195, 130, 87
RGB Percent	76%, 51%, 34%
CMY	0.2352, 0.4903, 0.6586
CMYK	0.00, 0.33, 0.55, 0.24
HSL	24°, 47%, 55%
HSV	24°, 55%, 76%
XYZ	32.2159, 28.2535, 12.7856
YIQ	144.5330, 52.5430, 0.4070

Conversions

Conversions Part 2

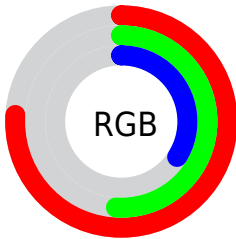
Format	Color
R_{YB}	195, 158, 87
Decimal	12812887
CIE _{Lab}	60.12, 20.53, 33.30
CIE _{LCh}	60, 39.116, 58.351
Yxy	28.2535, 0.4398, 0.3857
Android (android.graphics.Color)	4291002967 (0xFFC38257)
YUV	144.5330, -28.3638, 44.2596
Hunter-Lab	53.1541, 15.1667, 22.9464

Details

The YIQ color **144.5330, 52.5430, 0.4070** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **137.4670, -52.5430, -0.4070**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.0990, 56.7610, 1.0570**, and **92.7820, 47.4080, -0.1440** is the 20% darker color. If you saturate the color by 10%, you get **135.3230, 61.9420, 0.7740**, and if you desaturate by 10%, it is **153.8570, 42.8230, 0.3510**.

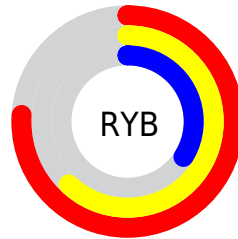
Distribution



Red (76%)

Green (51%)

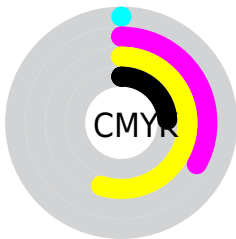
Blue (34%)



Red (76%)

Yellow (62%)

Blue (34%)

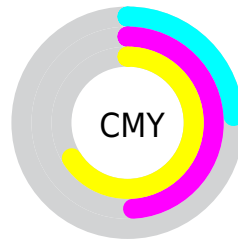


Cyan (0%)

Magenta (33%)

Yellow (55%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.5330, 52.5430, 0.4070 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 144.5330, 52.5430, 0.4070 by changing the saturation by 10% instead.


 144.5330, 52.5430,
0.4070


 144.5330, 52.5430,
0.4070


255.0000, -0.0000,
-0.0000


 118.4510, 49.8380,
-0.1300


 199.0990, 56.7610,
1.0570


 92.7820, 47.4080,
-0.1440


 218.7980, 41.3110,
-5.2890


 68.4010, 44.1070,
-0.8930


 238.4260, 24.6230,
-11.2250

 45.0740, 40.7140,
0.0260

 251.0100, 11.2350,
-10.8850

 24.6740, 30.3970,
5.2850

 254.2020, 2.2470,
-2.1770

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 144.5330, 52.5430,
0.4070

■ 144.5330, 52.5430,
0.4070

■ 135.3230, 61.9420,
0.7740

■ 153.8570, 42.8230,
0.3510

■ 125.9990, 71.6620,
0.8300

■ 162.4800, 33.6990,
0.5070

■ 117.3760, 80.7860,
0.6740

■ 171.8040, 23.9790,
0.4510

■ 108.0520, 90.5060,
0.7300

■ 181.0140, 14.5800,
0.0840

■ 104.0910, 94.7700,
0.5460

■ 190.3380, 4.8600,
0.0280

■ 198.9610, -4.2640,
0.1840

■ 208.2850,
-13.9840, 0.1280

■ 217.4950,
-23.3830, -0.2390

■ 225.9070,
-30.5350, -2.7830

Harmonies

Analogous

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



146.2260, 55.5660, 17.2140



144.5330, 52.5430, 0.4070



142.1360, 37.0030, -15.3250

Triad

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



144.5330, 52.5430, 0.4070



119.9420, -74.3150, -35.3630



147.2580, -17.3810, 23.1550

Complementary

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



144.5330, 52.5430, 0.4070



137.4670, -52.5430, -0.4070

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.



137.1600, -58.6880, 6.3360



144.5330, 52.5430, 0.4070



115.1580, -101.0460, -29.9900

Square

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



144.5330, 52.5430, 0.4070



132.7400, -23.8360, -30.5880



115.8880, -108.6130, -19.5010



149.1500, 18.3340, 31.1820

Rectangle

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



144.5330, 52.5430, 0.4070



139.7100, 20.4070, -22.9290



115.8880, -108.6130, -19.5010



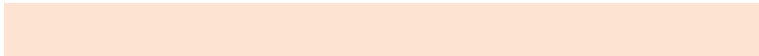
144.6800, -30.4930, 18.4910

Sweetspot

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



144.5330, 52.5430, 0.4070



232.5370, 20.3570, 0.0130



126.9300, 42.8610, 43.7330



115.6440, 12.7460, 0.2820



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



144.5330, 52.5430, 0.4070



174.3760, 80.7860, 0.6740



175.0570, 38.2430, -26.7890



92.3380, 4.8600, 0.0280



85.7070, 78.3560, 0.6600



17.4980, 16.0930, 0.1970

Inverse Universe

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



137.4670, -52.5430, -0.4070



163.6240, -80.7860, -0.6740



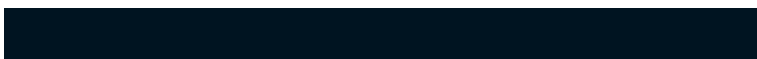
106.9430, -38.2430, 26.7890



91.6620, -4.8600, -0.0280



75.2930, -78.3560, -0.6600



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 144.5330, 52.5430, 0.4070 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 144.5330, 52.5430, 0.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

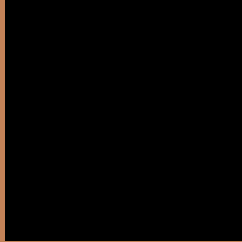
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.5330, 52.5430, 0.4070

Background



This preview shows how black text looks on a background with the YIQ color 144.5330, 52.5430, 0.4070.



This preview shows how white text looks on a background with the YIQ color 144.5330, 52.5430,

0.4070.

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

144.5330, 52.5430, 0.4070

Protanopia

142.9590, 24.4400, -13.4160

Deuteranopia

144.2060, 39.9820, -8.7380



Tritanopia

147.4510, 41.8110, 18.6990

Trichromacy



Original Color

144.5330, 52.5430, 0.4070

Protanomaly

143.6830, 34.2050, -8.6670

Deuteranomaly

144.6520, 44.6580, -5.3740

Tritanomaly

146.3880, 46.1220, 12.1540

Monochromacy



Original Color

144.5330, 52.5430, 0.4070

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0530, 18.8440, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5330, 52.5430, 0.4070 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(195, 130, 87)` looks like.

```
.text, #text, p{  
    color:rgb(195, 130, 87)  
}
```

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(195, 130, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 130, 87) }
```

Border

The CSS property to change the border of an element to YIQ 144.5330, 52.5430, 0.4070 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(195, 130, 87) }
```


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

```
.border{ border-color:rgb(195, 130, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 130, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 130, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 130, 87);  
box-shadow:4px 4px 4px 4px rgb(195, 130,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5330, 52.5430, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 130, 87) }
```

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

```
.background{ background-color: rgb(195,  
130, 87) }
```

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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