

Converting Colors

YIQ(146.5470, 40.7600, -0.8080)

Have a look what the booklet for
YIQ(146.5470, 40.7600, -0.8080)
contains.

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Color

**YIQ(146.5470, 40.7600,
-0.8080)**

Conversions

Conversions Part 1

Format	Color
Hex	B98864
RGB	185, 136, 100
RGB Percent	73%, 53%, 39%
CMY	0.2744, 0.4667, 0.6076
CMYK	0.00, 0.27, 0.46, 0.27
HSL	25°, 38%, 56%
HSV	25°, 46%, 73%
XYZ	31.1172, 28.8408, 15.9956
YIQ	146.5470, 40.7600, -0.8080

Conversions

Conversions Part 2

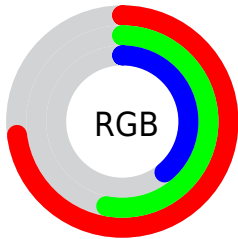
Format	Color
R_{YB}	185, 162, 100
Decimal	12159076
CIE _{Lab}	60.64, 14.26, 26.61
CIE _{LCh}	61, 30.189, 61.815
Yxy	28.8408, 0.4097, 0.3797
Android (android.graphics.Color)	4290349156 (0xFFB98864)
YUV	146.5470, -22.9477, 33.7233
Hunter-Lab	53.7036, 9.4460, 19.9330

Details

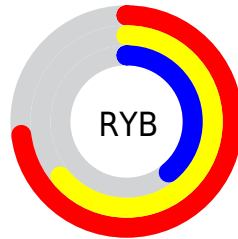
The YIQ color **146.5470, 40.7600, -0.8080** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **138.4530, -40.7600, 0.8080**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8140, 44.3820, -0.3700**, and **95.3940, 36.8170, -0.9350** is the 20% darker color. If you saturate the color by 10%, you get **138.0380, 49.5630, -0.6530**, and if you desaturate by 10%, it is **155.1700, 31.6360, -0.6520**.

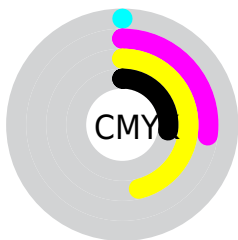
Distribution



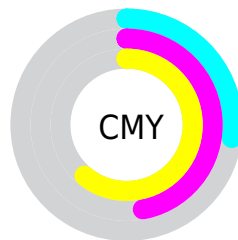
- Red (73%)
- Green (53%)
- Blue (39%)



- Red (73%)
- Yellow (64%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (27%)



- Cyan (27%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.5470, 40.7600, -0.8080 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 146.5470, 40.7600, -0.8080 by changing the saturation by 10% instead.


 146.5470, 40.7600,
-0.8080


 146.5470, 40.7600,
-0.8080


255.0000, -0.0000,
-0.0000


 120.7640, 38.6510,
-1.1330


 200.8140, 44.3820,
-0.3700


 95.3940, 36.8170,
-0.9350


 223.9160, 35.1670,
-4.0730


 71.3120, 34.1120,
-1.4720

 244.1310, 18.2040,
-10.5320

 48.0020, 32.0490,
-2.6310

 252.6060, 6.7410,
-6.5310

 27.2880, 25.4920,
0.5640

 8.6710, 17.2840,
6.1480

 0.0000, 0.0000,

0.0000

■ 146.5470, 40.7600,
-0.8080

■ 146.5470, 40.7600,
-0.8080

■ 138.0380, 49.5630,
-0.6530

■ 155.1700, 31.6360,
-0.6520

■ 130.0020, 58.4120,
-1.3320

■ 163.0920, 23.1080,
-0.2840

■ 121.4930, 67.2150,
-1.1770

■ 171.7150, 13.9840,
-0.1280

■ 112.8700, 76.3390,
-1.3330

■ 180.2240, 5.1810,
-0.2830

■ 104.9480, 84.8670,
-1.7010

■ 188.2600, -3.6680,
0.3960

■ 101.1010, 88.8100,
-1.5740

■ 196.7690,
-12.4710, 0.2410

■ 205.3920,
-21.5950, 0.3970

■ 213.3140,
-30.1230, 0.7650

■ 220.5690,
-35.3950, -2.8110

Harmonies

Analogous

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



147.9040, 44.6090, 12.0410



146.5470, 40.7600, -0.8080



144.4540, 27.4200, -12.3560

Triad

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



146.5470, 40.7600, -0.8080



132.4940, -49.1460, -23.4340



148.8150, -8.9440, 18.9280

Complementary

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



146.5470, 40.7600, -0.8080



138.4530, -40.7600, 0.8080

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.



143.0500, -37.8270, 8.2290



146.5470, 40.7600, -0.8080



128.8910, -69.1370, -19.0650

Square

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



146.5470, 40.7600, -0.8080



137.2230, -20.5820, -23.4780



134.6890, -62.2160, -6.8240



150.0370, 16.9140, 23.8740

Rectangle

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



146.5470, 40.7600, -0.8080



142.6370, 13.4830, -18.5890



134.6890, -62.2160, -6.8240



147.2590, -19.1220, 16.1580

Sweetspot

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



146.5470, 40.7600, -0.8080



224.3840, 16.4140, -0.1140



131.1150, 34.6100, 33.5700



110.5620, 10.0410, -0.2550



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



146.5470, 40.7600, -0.8080



180.3400, 63.2720, -1.3040



171.2010, 29.2100, -22.7740



88.0390, 4.2640, -0.1840



85.3860, 74.8260, -1.4460



15.4160, 13.3880, -0.3400

Inverse Universe

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



138.4530, -40.7600, 0.8080



167.6600, -63.2720, 1.3040



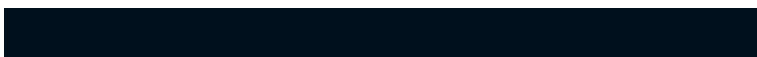
113.7990, -29.2100, 22.7740



86.9610, -4.2640, 0.1840



70.6140, -74.8260, 1.4460



12.5840, -13.3880, 0.3400

Previews

White Background



This preview shows how the YIQ color 146.5470, 40.7600, -0.8080 looks on a white background.

Color Contrast Check

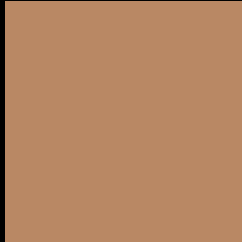
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.5470, 40.7600, -0.8080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

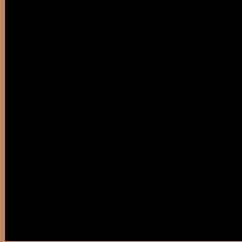
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.5470, 40.7600, -0.8080

Background



This preview shows how black text looks on a background with the YIQ color 146.5470, 40.7600, -0.8080.



This preview shows how white text looks on a background with the YIQ color 146.5470, 40.7600, -0.8080.

-0.8080.

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

146.5470, 40.7600, -0.8080

Protanopia

144.8000, 20.6340, -10.5180

Deuteranopia

145.7910, 34.0210, -5.3310



Tritanopia

149.4820, 31.3580, 15.4060

Trichromacy



Original Color

146.5470, 40.7600, -0.8080

Protanomaly

145.3280, 28.0150, -6.6170

Deuteranomaly

146.4000, 36.6800, -3.9600

Tritanomaly

148.6470, 35.0270, 9.4830

Monochromacy



Original Color

146.5470, 40.7600, -0.8080

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9000, 14.9010, -0.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5470, 40.7600, -0.8080 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(185, 136, 100)` looks like.

```
.text, #text, p{  
    color:rgb(185, 136, 100)  
}
```

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(185, 136, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 136, 100) }
```

Border

The CSS property to change the border of an element to YIQ 146.5470, 40.7600, -0.8080 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(185, 136, 100) }
```


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

```
.border{ border-color:rgb(185, 136, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 136, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 136, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 136, 100);  
box-shadow:4px 4px 4px 4px rgb(185, 136,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5470, 40.7600, -0.8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 136, 100) }
```

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

```
.background{ background-color: rgb(185,  
136, 100) }
```

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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