

Converting Colors

YIQ(153.6720, 68.2690, 1.7490)

Have a look what the booklet for
YIQ(153.6720, 68.2690, 1.7490)
contains.

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Color

**YIQ(153.6720, 68.2690,
1.7490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DC8651 |
| RGB | 220, 134, 81 |
| RGB Percent | 86%, 53%, 32% |
| CMY | 0.1371, 0.4746, 0.6820 |
| CMYK | 0.00, 0.39, 0.63, 0.14 |
| HSL | 23°, 67%, 59% |
| HSV | 23°, 63%, 86% |
| XYZ | 39.5367, 32.8579, 12.0586 |
| YIQ | 153.6720, 68.2690, 1.7490 |

Conversions

Conversions Part 2

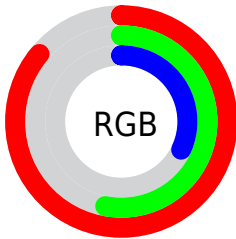
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 220, 167, 81 |
| Decimal | 14452305 |
| CIE Lab | 64.05, 28.22, 41.96 |
| CIE LCh | 64, 50.569, 56.082 |
| Yxy | 32.8579, 0.4681, 0.3891 |
| Android (android.graphics.Color) | 4292642385 (0xFFDC8651) |
| YUV | 153.6720, -35.8273, 58.1697 |
| Hunter-Lab | 57.3218, 22.8041, 27.6526 |

Details

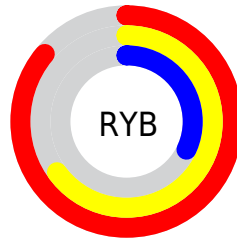
The YIQ color **153.6720, 68.2690, 1.7490** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **147.3280, -68.2690, -1.7490**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6490, 57.9080, -3.2120**, and **100.3230, 61.9420, 0.7740** is the 20% darker color. If you saturate the color by 10%, you get **142.9460, 79.1810, 2.2290**, and if you desaturate by 10%, it is **164.3980, 57.3570, 1.2690**.

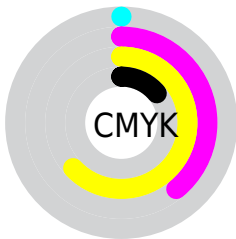
Distribution



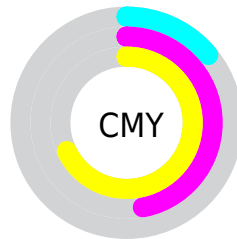
- Red (86%)
- Green (53%)
- Blue (32%)



- Red (86%)
- Yellow (65%)
- Blue (32%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.6720, 68.2690, 1.7490 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 153.6720, 68.2690, 1.7490 by changing the saturation by 10% instead.

153.6720, 68.2690,
1.7490

153.6720, 68.2690,
1.7490

255.0000, -0.0000,
-0.0000

126.7040, 65.2430,
1.5230

201.6490, 57.9080,
-3.2120

100.3230, 61.9420,
0.7740

221.0490, 41.8620,
-9.7700

74.7140, 59.2830,
-0.5970

240.6770, 25.1740,
-15.7060

51.9290, 51.4880,
3.0080

250.3260, 13.1610,
-12.7510

29.4690, 41.4000,
9.6240

253.5180, 4.1730,
-4.0430

14.6510, 29.2040,
10.3880

2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 153.6720, 68.2690,
1.7490

■ 153.6720, 68.2690,
1.7490

■ 142.9460, 79.1810,
2.2290

■ 164.3980, 57.3570,
1.2690

■ 132.8070, 89.8180,
2.1860

■ 174.5370, 46.7200,
1.3120

■ 122.0810,
100.7300, 2.6660

■ 185.2630, 35.8080,
0.8320

■ 115.0880,
108.0200, 2.7080

■ 195.4020, 25.1710,
0.8750

■ 206.1280, 14.2590,
0.3950

■ 216.8540, 3.3470,
-0.0850

■ 226.9930, -7.2900,
-0.0420

■ 237.4910,
-17.5600, -1.1440

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



155.0540, 70.9700, 24.3940



153.6720, 68.2690, 1.7490



151.3190, 49.4290, -20.2590

Triad

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



153.6720, 68.2690, 1.7490



120.7710, -96.1830, -46.5430



156.8580, -27.6980, 28.4140

Complementary

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



153.6720, 68.2690, 1.7490



147.3280, -68.2690, -1.7490

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.



135.2830, -98.7590, 0.1610



153.6720, 68.2690, 1.7490



125.9010, -110.6280, -32.5480

Square

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



153.6720, 68.2690, 1.7490



138.7080, -29.9780, -40.4260



127.0700, -120.8090, -18.7370



159.9150, 20.8540, 40.5820

Rectangle

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



153.6720, 68.2690, 1.7490



148.4580, 29.6240, -30.2800



127.0700, -120.8090, -18.7370



153.2900, -46.7700, 21.6300

Sweetspot

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



153.6720, 68.2690, 1.7490



231.9180, 23.6580, 0.7620



132.5930, 54.5960, 56.8360



113.4270, 14.8550, 0.6070



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.



153.6720, 68.2690, 1.7490



162.4440, 95.2740, 2.4260



193.5880, 49.5690, -33.8150



104.6370, 5.4560, 0.2400



90.4690, 84.9580, 2.1580



23.7330, 22.7410, 0.8610

Inverse Universe

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



147.3280, -68.2690, -1.7490



153.5560, -95.2740, -2.4260



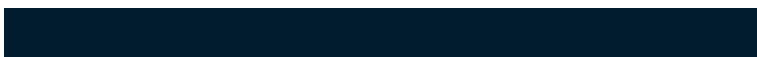
107.9990, -49.8440, 33.2920



103.7760, -5.1810, 0.2830



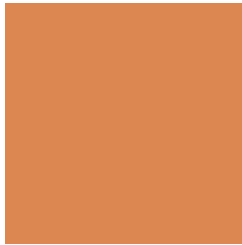
82.5310, -84.9580, -2.1580



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 153.6720, 68.2690, 1.7490 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 153.6720, 68.2690, 1.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

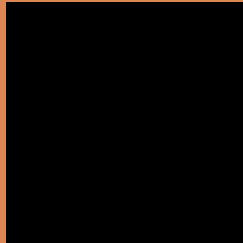
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.6720, 68.2690, 1.7490

Background



This preview shows how black text looks on a background with the YIQ color 153.6720, 68.2690, 1.7490.



This preview shows how white text looks on a background with the YIQ color 153.6720, 68.2690,

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

153.6720, 68.2690, 1.7490

Protanopia

152.8470, 30.4470, -17.6570

Deuteranopia

152.8770, 48.0980, -12.6540



Tritanopia

157.1430, 54.6020, 23.6740

Trichromacy



Original Color

153.6720, 68.2690, 1.7490

Protanomaly

153.1910, 44.3380, -10.5900

Deuteranomaly

153.3450, 55.7080, -7.3960

Tritanomaly

156.3250, 59.6010, 15.6730

Monochromacy



Original Color

153.6720, 68.2690, 1.7490

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6720, 68.2690, 1.7490 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(220, 134, 81)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 81)  
}
```

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(220, 134, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 81) }
```

Border

The CSS property to change the border of an element to YIQ 153.6720, 68.2690, 1.7490 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(220, 134, 81) }
```


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

```
.border{ border-color:rgb(220, 134, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 134, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 134, 81);  
box-shadow:4px 4px 4px 4px rgb(220, 134,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6720, 68.2690, 1.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 81) }
```

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

```
.background{ background-color: rgb(220,  
134, 81) }
```

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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