

Converting Colors

YIQ(105.1370, 53.5980, -2.1940)

Have a look what the booklet for
YIQ(105.1370, 53.5980, -2.1940)
contains.

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Color

**YIQ(105.1370, 53.5980,
-2.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5C2A
RGB	155, 92, 42
RGB Percent	61%, 36%, 16%
CMY	0.3920, 0.6393, 0.8350
CMYK	0.00, 0.41, 0.73, 0.39
HSL	27°, 57%, 39%
HSV	27°, 73%, 61%
XYZ	17.7673, 14.7889, 4.1146
YIQ	105.1370, 53.5980, -2.1940

Conversions

Conversions Part 2

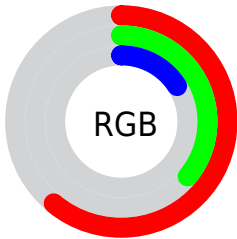
Format	Color
RYB	155, 132, 42
Decimal	10181674
CIELab	45.34, 21.48, 38.65
CIELCh	45, 44.216, 60.940
Yxy	14.7889, 0.4845, 0.4033
Android (android.graphics.Color)	4288371754 (0xFF9B5C2A)
YUV	105.1370, -31.1265, 43.7299
Hunter-Lab	38.4563, 15.1707, 20.5757

Details

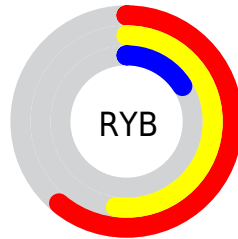
The YIQ color **105.1370, 53.5980, -2.1940** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **91.8630, -53.5980, 2.1940**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8880, 58.7330, -1.6430**, and **56.0160, 46.6290, -2.5470** is the 20% darker color. If you saturate the color by 10%, you get **98.1440, 60.8880, -2.1520**, and if you desaturate by 10%, it is **112.2440, 45.9870, -1.9250**.

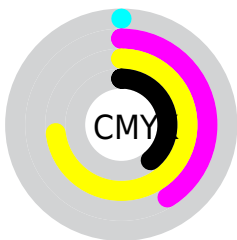
Distribution



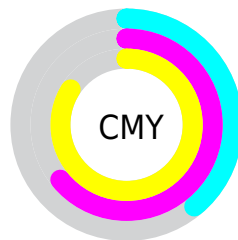
- Red (61%)
- Green (36%)
- Blue (16%)



- Red (61%)
- Yellow (52%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.1370, 53.5980, -2.1940 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 105.1370, 53.5980, -2.1940 by changing the saturation by 10% instead.


 105.1370, 53.5980,
-2.1940


 105.1370, 53.5980,
-2.1940


255.0000, -0.0000,
-0.0000


 79.9410, 51.2140,
-3.0420


 157.8880, 58.7330,
-1.6430


 56.0160, 46.6290,
-2.5470


 184.9700, 61.4380,
-1.1060


 35.0290, 36.5870,
3.2350

 207.9580, 52.5440,
-5.1200

 14.3410, 27.1410,
9.2290

 227.4720, 36.1770,
-11.3670

 1.1960, 2.3840,
0.8480

 246.9860, 19.8100,
-17.6140

 0.0000, 0.0000,
0.0000

 251.4660, 9.9510,

-9.6410

254.6580, 0.9630,
-0.9330

■ 105.1370, 53.5980,
-2.1940

■ 105.1370, 53.5980,
-2.1940

■ 98.1440, 60.8880,
-2.1520

■ 112.2440, 45.9870,
-1.9250

■ 91.6240, 68.2240,
-2.9440

■ 118.6500, 38.9720,
-1.4440

■ 86.2610, 73.6800,
-2.7040

■ 125.7570, 31.3610,
-1.1750

■ 132.7500, 24.0710,
-1.2170

■ 139.2700, 16.7350,
-0.4250

■ 146.2630, 9.4450,
-0.4670

■ 153.3700, 1.8340,
-0.1980

■ 159.7760, -5.1810,
0.2830

■ 166.8830,
-12.7920, 0.5520

Harmonies

Analogous

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



105.3080, 58.2710, 17.7510



105.1370, 53.5980, -2.1940



102.9740, 37.2790, -20.3290

Triad

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



105.1370, 53.5980, -2.1940



85.5730, -68.7220, -32.0980



109.3230, -16.0060, 25.7700

Complementary

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



105.1370, 53.5980, -2.1940



91.8630, -53.5980, 2.1940

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.



88.7810, -82.6660, 0.3580



105.1370, 53.5980, -2.1940



89.7910, -80.5990, -20.5910

Square

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



105.1370, 53.5980, -2.1940



89.4610, -36.3520, -35.0400



89.9340, -87.8910, -9.5790



110.2970, 22.4140, 34.3340

Rectangle

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



105.1370, 53.5980, -2.1940



100.5910, 19.1240, -27.2120



89.9340, -87.8910, -9.5790



106.5490, -31.5020, 20.2580

Sweetspot

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



105.1370, 53.5980, -2.1940



181.8960, 20.7240, -1.1320



83.0830, 46.8040, 43.8600



90.1170, 12.7920, -0.5520



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



105.1370, 53.5980, -2.1940



124.1110, 82.8500, -3.6940



137.4220, 38.4730, -30.9590



73.1530, 3.9430, 0.1270



78.2540, 66.3900, -2.7460



7.4090, 6.0980, -0.3820

Inverse Universe

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



91.8630, -53.5980, 2.1940



103.4760, -83.1250, 3.1710



59.5780, -38.4730, 30.9590



72.2600, -3.6680, 0.3960



61.7460, -66.3900, 2.7460



5.5910, -6.0980, 0.3820

Previews

White Background



This preview shows how the YIQ color 105.1370, 53.5980, -2.1940 looks on a white 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

Black Background



This preview shows how the YIQ color 105.1370, 53.5980, -2.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

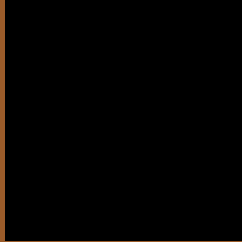
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.1370, 53.5980, -2.1940

Background



This preview shows how black text looks on a background with the YIQ color 105.1370, 53.5980, -2.1940.



This preview shows how white text looks on a background with the YIQ color 105.1370, 53.5980,

-2.1940.

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

105.1370, 53.5980, -2.1940

Protanopia

104.6340, 26.7330, -16.4270

Deuteranopia

104.6850, 39.8910, -12.5970



Tritanopia

108.9130, 40.3900, 16.9180

Trichromacy



Original Color

105.1370, 53.5980, -2.1940

Protanomaly

104.7710, 36.7730, -11.1550

Deuteranomaly

104.5440, 44.8420, -8.7100

Tritanomaly

107.6220, 45.3430, 9.7510

Monochromacy



Original Color

105.1370, 53.5980, -2.1940

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8250, 19.4860, -0.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.1370, 53.5980, -2.1940 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(155, 92, 42)` looks like.

```
.text, #text, p{  
    color:rgb(155, 92, 42)  
}
```

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(155, 92, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 92, 42) }
```

Border

The CSS property to change the border of an element to YIQ 105.1370, 53.5980, -2.1940 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(155, 92, 42) }
```


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

```
.border{ border-color:rgb(155, 92, 42) }
```

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

Here you see how a box with a 4 pixel rgb(155, 92, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 92, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 92, 42);  
box-shadow:4px 4px 4px 4px rgb(155, 92,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 105.1370, 53.5980, -2.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 92, 42) }
```

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

```
.background{ background-color: rgb(155, 92,  
42) }
```

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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