

Converting Colors

YIQ(123.3940, 63.1800, 0.3640)

Have a look what the booklet for
YIQ(123.3940, 63.1800, 0.3640)
contains.

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Color

**YIQ(123.3940, 63.1800,
0.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	B86A36
RGB	184, 106, 54
RGB Percent	72%, 42%, 21%
CMY	0.2783, 0.5844, 0.7879
CMYK	0.00, 0.42, 0.71, 0.28
HSL	24°, 55%, 47%
HSV	24°, 71%, 72%
XYZ	25.5948, 20.7635, 6.1579
YIQ	123.3940, 63.1800, 0.3640

Conversions

Conversions Part 2

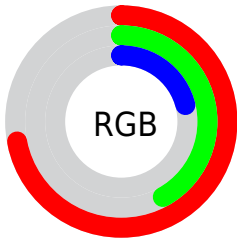
Format	Color
RYB	184, 141, 54
Decimal	12085814
CIELab	52.69, 26.80, 41.66
CIElCh	53, 49.539, 57.244
Yxy	20.7635, 0.4874, 0.3954
Android (android.graphics.Color)	4290275894 (0xFFB86A36)
YUV	123.3940, -34.2112, 53.1515
Hunter-Lab	45.5670, 20.5204, 23.8844

Details

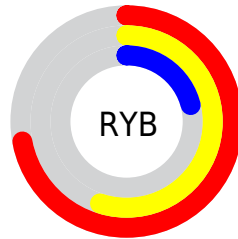
The YIQ color **123.3940, 63.1800, 0.3640** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **114.6060, -63.1800, -0.3640**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.4440, 68.9110, 1.1270**, and **71.7030, 57.8160, -1.5440** is the 20% darker color. If you saturate the color by 10%, you get **114.8850, 71.9830, 0.5190**, and if you desaturate by 10%, it is **131.9030, 54.3770, 0.2090**.

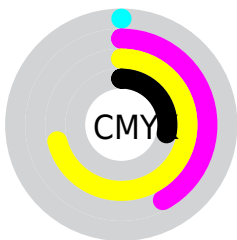
Distribution



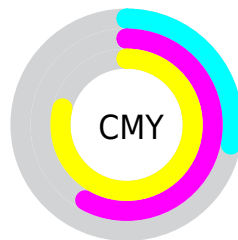
- Red (72%)
- Green (42%)
- Blue (21%)



- Red (72%)
- Yellow (55%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (71%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.3940, 63.1800, 0.3640 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 123.3940, 63.1800, 0.3640 by changing the saturation by 10% instead.


 123.3940, 63.1800,
0.3640


 123.3940, 63.1800,
0.3640


255.0000, -0.0000,
-0.0000

 97.3120, 60.4750,
-0.1730


 177.4440, 68.9110,
1.1270


 71.7030, 57.8160,
-1.5440


 199.5460, 59.6960,
-2.5760


 49.2600, 49.0580,
2.9940

 218.9460, 43.6500,
-9.1340

 27.3870, 38.6950,
9.0870

 239.0470, 27.0080,
-15.9040

 13.4550, 26.8200,
9.5400

 249.8700, 14.4450,
-13.9950

 0.0000, 0.0000,
0.0000

 253.1760, 5.1360,

-4.9760

■ 123.3940, 63.1800,
0.3640

■ 123.3940, 63.1800,
0.3640

■ 114.8850, 71.9830,
0.5190

■ 131.9030, 54.3770,
0.2090

■ 106.2620, 81.1070,
0.3630

■ 140.5260, 45.2530,
0.3650

■ 97.8670, 89.5890,
0.8290

■ 149.0350, 36.4500,
0.2100

■ 157.6580, 27.3260,
0.3660

■ 166.1670, 18.5230,
0.2110

■ 174.6760, 9.7200,
0.0560

■ 183.2990, 0.5960,
0.2120

■ 191.8080, -8.2070,
0.0570

■ 200.4310,
-17.3310, 0.2130

Harmonies

Analogous

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



123.9610, 66.7980, 22.9100



123.3940, 63.1800, 0.3640



120.9380, 46.1280, -21.0080

Triad

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



123.3940, 63.1800, 0.3640



99.3820, -78.6700, -39.0380



127.0000, -25.2220, 27.5940

Complementary

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



123.3940, 63.1800, 0.3640



114.6060, -63.1800, -0.3640

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.



101.5380, -104.0310, -3.4150



123.3940, 63.1800, 0.3640



104.2840, -92.4730, -25.6650

Square

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



123.3940, 63.1800, 0.3640



107.7940, -33.0960, -38.9840



105.8120, -102.2870, -12.9990



129.1600, 21.5420, 39.1260

Rectangle

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



123.3940, 63.1800, 0.3640



118.4900, 26.5980, -30.5060



105.8120, -102.2870, -12.9990



123.3180, -43.9730, 20.4990

Sweetspot

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



123.3940, 63.1800, 0.3640



215.9890, 24.8960, 0.3520



101.9900, 51.8000, 52.4400



106.0140, 14.5800, 0.0840



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.



123.3940, 63.1800, 0.3640



144.5430, 99.3090, 0.8850



160.3750, 45.8550, -32.5850



87.4520, 4.5390, 0.3390



83.0380, 75.9260, 0.6460



14.8290, 13.6630, 0.1830

Inverse Universe

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



114.6060, -63.1800, -0.3640



130.8700, -99.0340, -0.3620



77.6250, -45.8550, 32.5850



86.9610, -4.2640, 0.1840



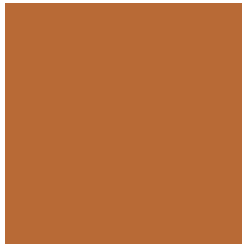
72.3750, -75.6510, -0.1230



13.1710, -13.6630, -0.1830

Previews

White Background



This preview shows how the YIQ color 123.3940, 63.1800, 0.3640 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 123.3940, 63.1800, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

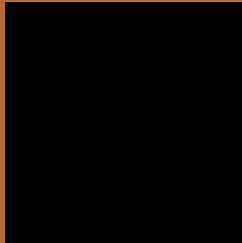
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3940, 63.1800, 0.3640

Background



This preview shows how black text looks on a background with the YIQ color 123.3940, 63.1800, 0.3640.



This preview shows how white text looks on a background with the YIQ color 123.3940, 63.1800,

0.3640.

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

123.3940, 63.1800, 0.3640

Protanopia

122.6620, 29.5300, -17.5580

Deuteranopia

123.0830, 44.5220, -13.9260



Tritanopia

126.8110, 49.6050, 20.6210

Trichromacy



Original Color

123.3940, 63.1800, 0.3640

Protanomaly

123.1090, 41.6330, -11.1270

Deuteranomaly

123.2520, 51.5360, -8.8800

Tritanomaly

125.5200, 54.5580, 13.4540

Monochromacy



Original Color

123.3940, 63.1800, 0.3640

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2060, 22.7870, 0.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3940, 63.1800, 0.3640 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(184, 106, 54)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 54)  
}
```

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(184, 106, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 54) }
```

Border

The CSS property to change the border of an element to YIQ 123.3940, 63.1800, 0.3640 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(184, 106, 54) }
```


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

```
.border{ border-color:rgb(184, 106, 54) }
```

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

Here you see how a box with a 4 pixel rgb(184, 106, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 54);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3940, 63.1800, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 54) }
```

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

```
.background{ background-color: rgb(184,  
106, 54) }
```

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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