

Converting Colors

YIQ(128.4640, 39.7960, 5.6520)

Have a look what the booklet for
YIQ(128.4640, 39.7960, 5.6520)
contains.

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Color

**YIQ(128.4640, 39.7960,
5.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	AA725E
RGB	170, 114, 94
RGB Percent	67%, 45%, 37%
CMY	0.3332, 0.5530, 0.6312
CMYK	0.00, 0.33, 0.45, 0.33
HSL	16°, 31%, 52%
HSV	16°, 45%, 67%
XYZ	24.6212, 21.3877, 13.4306
YIQ	128.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

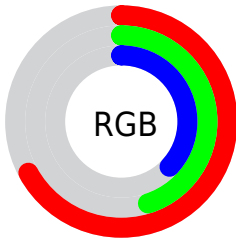
Format	Color
R _Y B	170, 121, 94
Decimal	11170398
CIE Lab	53.37, 19.72, 20.05
CIE LCh	53, 28.120, 45.474
Yxy	21.3877, 0.4142, 0.3598
Android (android.graphics.Color)	4289360478 (0xFFAA725E)
YUV	128.4640, -16.9908, 36.4271
Hunter-Lab	46.2469, 14.0991, 15.1543

Details

The YIQ color **128.4640, 39.7960, 5.6520** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.5360, -39.7960, -5.6520**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8450, 43.0970, 6.4010**, and **78.0120, 35.2570, 5.3130** is the 20% darker color. If you saturate the color by 10%, you get **118.8950, 48.8280, 7.1640**, and if you desaturate by 10%, it is **138.0330, 30.7640, 4.1400**.

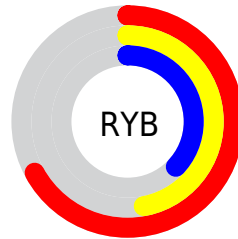
Distribution



Red (67%)

Green (45%)

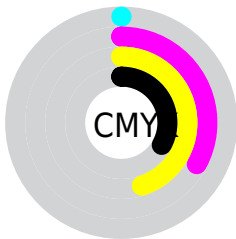
Blue (37%)



Red (67%)

Yellow (47%)

Blue (37%)

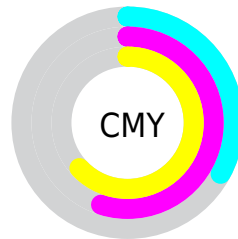


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (33%)



Cyan (33%)


Magenta (55%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.4640, 39.7960, 5.6520 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 128.4640, 39.7960, 5.6520 by changing the saturation by 10% instead.


 128.4640, 39.7960,
5.6520


 128.4640, 39.7960,
5.6520


255.0000, -0.0000,
-0.0000


 102.6810, 37.6870,
5.3270

 181.8450, 43.0970,
6.4010


 78.0120, 35.2570,
5.3130


 209.0300, 44.0140,
6.3020


 54.9300, 32.5520,
4.7760

 228.5440, 27.6470,
0.0550

 31.5770, 32.0480,
2.8960

 248.8730, 10.3630,
-6.0930

 11.9600, 23.8400,
8.4800

 0.0000, 0.0000,
0.0000

■ 128.4640, 39.7960,
5.6520

■ 128.4640, 39.7960,
5.6520

■ 118.8950, 48.8280,
7.1640

■ 138.0330, 30.7640,
4.1400

■ 109.9130, 57.5850,
8.1530

■ 147.0150, 22.0070,
3.1510

■ 100.3440, 66.6170,
9.6650

■ 156.5840, 12.9750,
1.6390

■ 91.3620, 75.3740,
10.6540

■ 165.5660, 4.2180,
0.6500

■ 81.7930, 84.4060,
12.1660

■ 175.1350, -4.8140,
-0.8620

■ 77.2450, 88.9450,
12.5050

■ 184.1170,
-13.5710, -1.8510

■ 193.6860,
-22.6030, -3.3630

■ 202.6680,

-31.3600, -4.3520

■ 212.2370,
-40.3920, -5.8640

Harmonies

Analogous

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



129.5320, 37.0890, 16.1690



128.4640, 39.7960, 5.6520



126.8940, 32.2330, -5.9670

Triad

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



128.4640, 39.7960, 5.6520



117.4160, -31.3110, -21.7670



127.5850, -23.1560, 12.1720

Complementary

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



128.4640, 39.7960, 5.6520



135.5360, -39.7960, -5.6520

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.



120.3320, -47.7290, 0.4550



128.4640, 39.7960, 5.6520



112.4810, -56.2990, -20.4510

Square

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



128.4640, 39.7960, 5.6520



121.5300, -5.2690, -20.1570



111.9180, -64.5990, -13.1990



130.8010, 2.8390, 20.1430

Rectangle

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



128.4640, 39.7960, 5.6520



125.4150, 23.1560, -12.1720



111.9180, -64.5990, -13.1990



125.2850, -31.1790, 8.8930

Sweetspot

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



128.4640, 39.7960, 5.6520



206.3670, 15.0840, 1.9640



123.2220, 26.9990, 33.8390



102.3170, 9.3530, 1.2010



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



128.4640, 39.7960, 5.6520



156.0770, 62.9950, 9.2270



150.1830, 29.6210, -13.6990



79.5660, 4.2180, 0.6500



67.1450, 77.4830, 10.9790



8.9150, 10.5450, 1.6250

Inverse Universe

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



135.5360, -39.7960, -5.6520



167.3360, -62.7200, -8.7040



113.8170, -29.6210, 13.6990



80.4340, -4.2180, -0.6500



80.8550, -77.4830, -10.9790



11.0850, -10.5450, -1.6250

Previews

White Background



This preview shows how the YIQ color 128.4640, 39.7960, 5.6520 looks on a white background.

Color Contrast Check

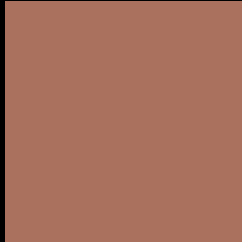
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4640, 39.7960, 5.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

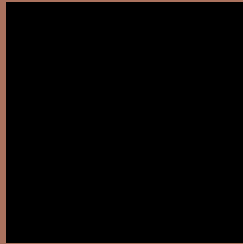
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4640, 39.7960, 5.6520

Background



This preview shows how black text looks on a background with the YIQ color 128.4640, 39.7960, 5.6520.



This preview shows how white text looks on a background with the YIQ color 128.4640, 39.7960,

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

128.4640, 39.7960, 5.6520

Protanopia

127.2000, 13.7560, -7.0120

Deuteranopia

127.5500, 27.5100, -2.9700



Tritanopia

130.1510, 33.7880, 15.4200

Trichromacy



Original Color

128.4640, 39.7960, 5.6520

Protanomaly

127.6250, 22.9250, -2.4750

Deuteranomaly

127.9960, 32.1860, 0.3940

Tritanomaly

129.4130, 35.8060, 11.8860

Monochromacy



Original Color

128.4640, 39.7960, 5.6520

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4640, 39.7960, 5.6520 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(170, 114, 94)` looks like.

```
.text, #text, p{  
    color:rgb(170, 114, 94)  
}
```

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(170, 114, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 114, 94) }
```

Border

The CSS property to change the border of an element to YIQ 128.4640, 39.7960, 5.6520 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(170, 114, 94) }
```


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

```
.border{ border-color:rgb(170, 114, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 114, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 114, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 114, 94);  
box-shadow:4px 4px 4px 4px rgb(170, 114,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4640, 39.7960, 5.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 114, 94) }
```

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

```
.background{ background-color: rgb(170,  
114, 94) }
```

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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