

Converting Colors

YIQ(97.3520, 19.4400, 0.1120)

Have a look what the booklet for
YIQ(97.3520, 19.4400, 0.1120)
contains.

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Color

**YIQ(97.3520, 19.4400,
0.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	745C4C
RGB	116, 92, 76
RGB Percent	45%, 36%, 30%
CMY	0.5451, 0.6392, 0.7019
CMYK	0.00, 0.21, 0.34, 0.55
HSL	24°, 21%, 38%
HSV	24°, 34%, 45%
XYZ	12.3356, 11.8885, 8.4862
YIQ	97.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

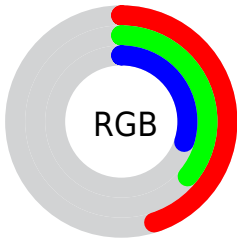
Format	Color
R_{YB}	116, 103, 76
Decimal	7625804
CIE _{Lab}	41.04, 7.29, 12.91
CIE _{LCh}	41, 14.830, 60.533
Yxy	11.8885, 0.3771, 0.3634
Android (android.graphics.Color)	4285815884 (0xFF745C4C)
YUV	97.3520, -10.5265, 16.3543
Hunter-Lab	34.4797, 3.5216, 9.5432

Details

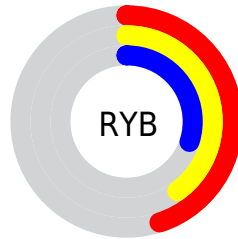
The YIQ color **97.3520, 19.4400, 0.1120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.6480, -19.4400, -0.1120**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1350, 21.5490, 0.4370**, and **50.6830, 17.0100, 0.0980** is the 20% darker color. If you saturate the color by 10%, you get **91.8750, 25.2170, 0.0410**, and if you desaturate by 10%, it is **102.8290, 13.6630, 0.1830**.

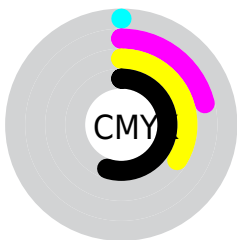
Distribution



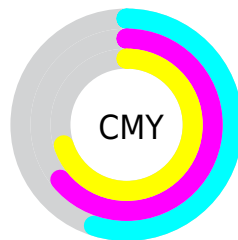
- Red (45%)
- Green (36%)
- Blue (30%)



- Red (45%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.3520, 19.4400, 0.1120 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 97.3520, 19.4400, 0.1120 by changing the saturation by 10% instead.

■ 97.3520, 19.4400,
0.1120

■ 97.3520, 19.4400,
0.1120

■ 255.0000, -0.0000,
-0.0000

■ 73.1670, 18.5230,
0.2110

■ 148.1350, 21.5490,
0.4370

■ 50.6830, 17.0100,
0.0980

■ 175.0210, 21.8700,
0.1260

■ 28.8570, 16.4600,
-0.9480

■ 202.6190, 23.0620,
0.5500

■ 6.2790, 12.5160,
4.4520

■ 230.5050, 23.3830,
0.2390

■ 0.0000, 0.0000,
0.0000

■ 250.7310, 7.8870,
-5.2730

■ 97.3520, 19.4400,
0.1120

■ 97.3520, 19.4400,
0.1120

■ 91.8750, 25.2170,
0.0410

■ 102.8290, 13.6630,
0.1830

■ 86.5120, 30.6730,
0.2810

■ 108.1920, 8.2070,
-0.0570

■ 81.0350, 36.4500,
0.2100

■ 113.6690, 2.4300,
0.0140

■ 75.6720, 41.9060,
0.4500

■ 119.0320, -3.0260,
-0.2260

■ 70.1950, 47.6830,
0.3790

■ 124.5090, -8.8030,
-0.1550

■ 64.7180, 53.4600,
0.3080

■ 129.9860,
-14.5800, -0.0840

■ 61.6860, 56.4860,
0.5340

■ 135.3490,
-20.0360, -0.3240

■ 140.8260,

-25.8130, -0.2530

■ 146.1890,
-31.2690, -0.4930

Harmonies

Analogous

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



98.1120, 20.3560, 5.5400



97.3520, 19.4400, 0.1120



96.3680, 13.3430, -5.0330

Triad

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



97.3520, 19.4400, 0.1120



92.1390, -19.8050, -10.0210



98.2310, -4.7240, 8.5240

Complementary

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



97.3520, 19.4400, 0.1120



94.6480, -19.4400, -0.1120

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.



96.1370, -16.3230, 3.9730



97.3520, 19.4400, 0.1120



91.4250, -26.3620, -6.8260

Square

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



97.3520, 19.4400, 0.1120



93.0710, -7.9300, -10.4740



93.0710, -25.1250, -1.7090



99.0430, 7.6090, 10.7850

Rectangle

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



97.3520, 19.4400, 0.1120



95.5520, 6.8330, -8.1990



93.0710, -25.1250, -1.7090



97.4370, -8.3000, 7.2520

Sweetspot

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



97.3520, 19.4400, 0.1120



143.0070, 7.2900, 0.0420



90.8100, 15.8150, 16.2550



72.3380, 4.8600, 0.0280



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



97.3520, 19.4400, 0.1120



121.3270, 29.7560, 0.3800



108.5050, 14.2150, -9.8250



55.9680, 3.0260, 0.2260



65.2410, 59.2370, 0.2370



133.4500, 121.5000, 0.7000

Inverse Universe

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



94.6480, -19.4400, -0.1120



117.6730, -29.7560, -0.3800



83.4950, -14.2150, 9.8250



55.4450, -2.7510, 0.2970



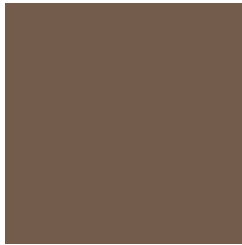
57.3460, -59.5120, -0.7600



116.5500, -121.5000, -0.7000

Previews

White Background



This preview shows how the YIQ color 97.3520, 19.4400, 0.1120 looks on a white background.

Color Contrast Check

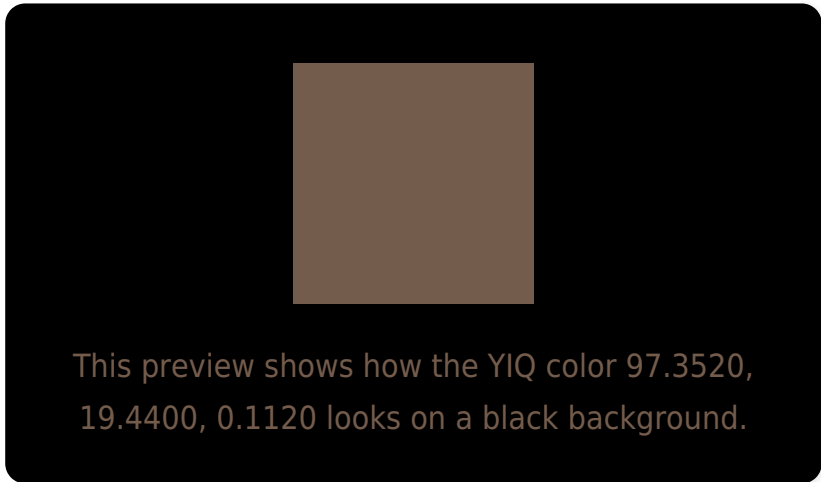
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

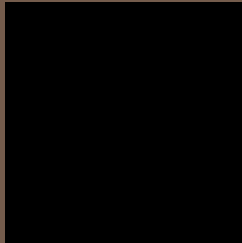
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.3520, 19.4400, 0.1120

Background



This preview shows how black text looks on a background with the YIQ color 97.3520, 19.4400, 0.1120.

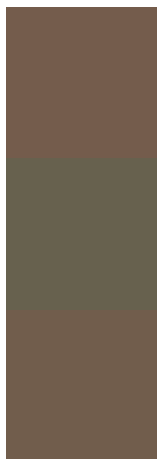


This preview shows how white text looks on a background with the YIQ color 97.3520, 19.4400,

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

97.3520, 19.4400, 0.1120

Protanopia

96.6280, 9.6750, -4.6370

Deuteranopia

97.0420, 17.3770, -1.0470



Tritanopia

98.4690, 15.0370, 8.3250

Trichromacy



Original Color

97.3520, 19.4400, 0.1120

Protanomaly

96.8350, 13.5260, -2.8420

Deuteranomaly

97.3410, 17.9730, -0.8350

Tritanomaly

97.9590, 16.4130, 5.4130

Monochromacy



Original Color

97.3520, 19.4400, 0.1120

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3520, 19.4400, 0.1120 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(116, 92, 76)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 76)  
}
```

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(116, 92, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 76) }
```

Border

The CSS property to change the border of an element to YIQ 97.3520, 19.4400, 0.1120 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(116, 92, 76) }
```


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

```
.border{ border-color:rgb(116, 92, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 92, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 92, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 92, 76);  
box-shadow:4px 4px 4px 4px rgb(116, 92,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3520, 19.4400, 0.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 76) }
```

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

```
.background{ background-color: rgb(116, 92,  
76) }
```

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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