

Converting Colors

YIQ(95.4770, 20.5860, 1.3700)

Have a look what the booklet for
YIQ(95.4770, 20.5860, 1.3700)
contains.

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Color

**YIQ(95.4770, 20.5860,
1.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	74594B
RGB	116, 89, 75
RGB Percent	45%, 35%, 29%
CMY	0.5450, 0.6510, 0.7058
CMYK	0.00, 0.23, 0.35, 0.55
HSL	20°, 21%, 37%
HSV	20°, 35%, 45%
XYZ	12.0466, 11.3652, 8.2196
YIQ	95.4770, 20.5860, 1.3700

Conversions

Conversions Part 2

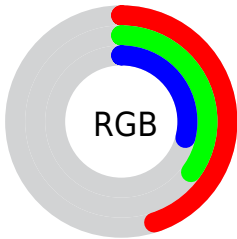
Format	Color
R _Y B	116, 96, 75
Decimal	7625035
CIE Lab	40.19, 8.96, 12.35
CIE LCh	40, 15.261, 54.029
Yxy	11.3652, 0.3808, 0.3593
Android (android.graphics.Color)	4285815115 (0xFF74594B)
YUV	95.4770, -10.0952, 17.9987
Hunter-Lab	33.7123, 4.7879, 9.1427

Details

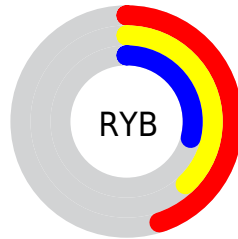
The YIQ color **95.4770, 20.5860, 1.3700** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **95.5230, -20.5860, -1.3700**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2600, 22.6950, 1.6950**, and **48.8080, 18.1560, 1.3560** is the 20% darker color. If you saturate the color by 10%, you get **89.4130, 26.6380, 1.8220**, and if you desaturate by 10%, it is **101.5410, 14.5340, 0.9180**.

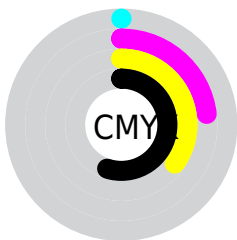
Distribution



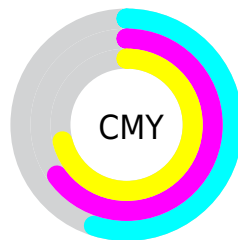
- Red (45%)
- Green (35%)
- Blue (29%)



- Red (45%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4770, 20.5860, 1.3700 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 95.4770, 20.5860, 1.3700 by changing the saturation by 10% instead.

■ 95.4770, 20.5860,
1.3700

■ 95.4770, 20.5860,
1.3700

■ 255.0000, -0.0000,
-0.0000

■ 71.8790, 19.3940,
0.9460

■ 146.2600, 22.6950,
1.6950

■ 48.8080, 18.1560,
1.3560

■ 172.5590, 23.2910,
1.9070

■ 27.4550, 17.6520,
-0.5240

■ 200.0430, 24.8040,
2.0200

■ 6.2790, 12.5160,
4.4520

■ 228.3420, 25.4000,
2.2320

■ 0.0000, 0.0000,
0.0000

■ 248.8560, 9.0330,
-4.0150

■ 95.4770, 20.5860,
1.3700

■ 95.4770, 20.5860,
1.3700

■ 89.4130, 26.6380,
1.8220

■ 101.5410, 14.5340,
0.9180

■ 84.0500, 32.0940,
2.0620

■ 106.9040, 9.0780,
0.6780

■ 77.9860, 38.1460,
2.5140

■ 112.9680, 3.0260,
0.2260

■ 72.0360, 43.8770,
3.2770

■ 118.9180, -2.7050,
-0.5370

■ 66.5590, 49.6540,
3.2060

■ 124.3950, -8.4820,
-0.4660

■ 60.4950, 55.7060,
3.6580

■ 130.4590,
-14.5340, -0.9180

■ 58.1640, 58.1360,
3.6720

■ 136.4090,
-20.2650, -1.6810

■ 141.8860,

-26.0420, -1.6100

■ 147.8360,
-31.7730, -2.3730

Harmonies

Analogous

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



96.0520, 20.5850, 6.8970



95.4770, 20.5860, 1.3700



94.2650, 15.1310, -4.3970

Triad

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



95.4770, 20.5860, 1.3700



90.0960, -18.2460, -10.7420



95.1490, -7.4290, 7.9870

Complementary

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



95.4770, 20.5860, 1.3700



95.5230, -20.5860, -1.3700

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.



93.2290, -19.5780, 2.3900



95.4770, 20.5860, 1.3700



89.3710, -26.2700, -8.4940

Square

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



95.4770, 20.5860, 1.3700



91.4410, -6.0960, -10.6720



90.5330, -26.5460, -3.4900



96.3740, 5.1790, 10.7710

Rectangle

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



95.4770, 20.5860, 1.3700



93.6340, 9.5380, -7.6620



90.5330, -26.5460, -3.4900



95.0560, -11.6010, 6.5030

Sweetspot

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



95.4770, 20.5860, 1.3700



142.3060, 7.8860, 0.2540



90.3370, 15.7690, 17.0890



71.7510, 5.1350, 0.5510



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.



95.4770, 20.5860, 1.3700



118.7510, 31.4980, 1.8500



107.2170, 15.0860, -9.0900



55.9680, 3.0260, 0.2260



61.1320, 61.1620, 3.8980



124.6450, 125.6250, 8.5450

Inverse Universe

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



95.5230, -20.5860, -1.3700



118.8360, -31.7730, -2.3730



83.7830, -15.0860, 9.0900



56.0320, -3.0260, -0.2260



61.4550, -61.4370, -4.4210



125.3550, -125.6250, -8.5450

Previews

White Background



This preview shows how the YIQ color 95.4770, 20.5860, 1.3700 looks on a white background.

Color Contrast Check

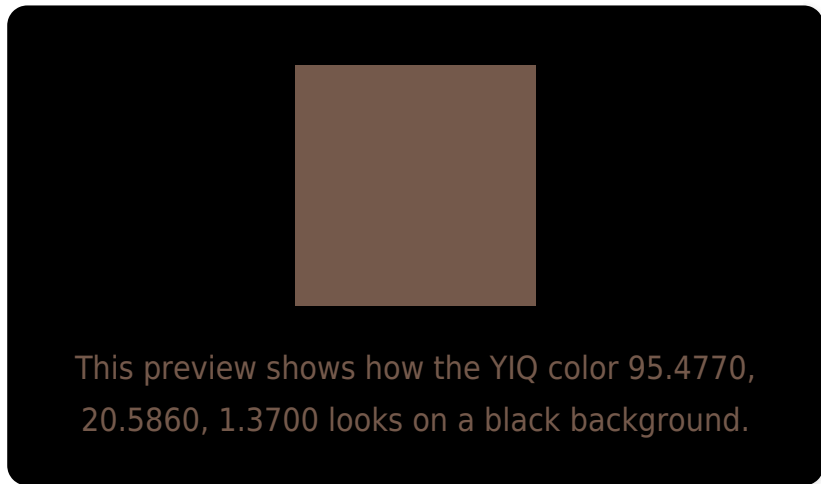
Large Text (above 18pt) WCAG AA ✓ Pass

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

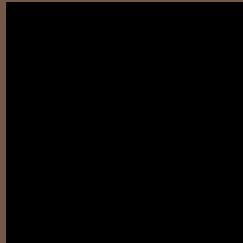
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.4770, 20.5860, 1.3700

Background



This preview shows how black text looks on a background with the YIQ color 95.4770, 20.5860, 1.3700.



This preview shows how white text looks on a background with the YIQ color 95.4770, 20.5860,

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

95.4770, 20.5860, 1.3700

Protanopia

94.5570, 8.4370, -4.2270

Deuteranopia

95.1560, 17.0560, -0.7360



Tritanopia

96.3660, 16.8250, 8.9610

Trichromacy



Original Color

95.4770, 20.5860, 1.3700

Protanomaly

95.0630, 12.8840, -2.2200

Deuteranomaly

95.1670, 18.5230, 0.2110

Tritanomaly

95.8560, 18.2010, 6.0490

Monochromacy



Original Color

95.4770, 20.5860, 1.3700

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.4200, 7.5650, 0.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4770, 20.5860, 1.3700 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, 89, 75)` looks like.

```
.text, #text, p{  
    color:rgb(116, 89, 75)  
}
```

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, 89, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 89, 75) }
```

Border

The CSS property to change the border of an element to YIQ 95.4770, 20.5860, 1.3700 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, 89, 75) }
```


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

```
.border{ border-color:rgb(116, 89, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 89, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 89, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 89, 75);  
box-shadow:4px 4px 4px 4px rgb(116, 89,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4770, 20.5860, 1.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 89, 75) }
```

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

```
.background{ background-color: rgb(116, 89,  
75) }
```

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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