

Converting Colors

YIQ(98.3090, 20.9990, -0.6090)

Have a look what the booklet for
YIQ(98.3090, 20.9990, -0.6090)
contains.

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Color

**YIQ(98.3090, 20.9990,
-0.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	765D4A
RGB	118, 93, 74
RGB Percent	46%, 36%, 29%
CMY	0.5372, 0.6353, 0.7097
CMYK	0.00, 0.21, 0.37, 0.54
HSL	26°, 23%, 38%
HSV	26°, 37%, 46%
XYZ	12.6232, 12.1740, 8.1675
YIQ	98.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

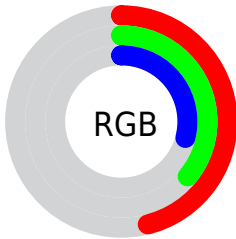
Format	Color
R_{YB}	118, 107, 74
Decimal	7757130
CIE _{Lab}	41.49, 7.29, 14.78
CIE _{LCh}	41, 16.478, 63.726
Yxy	12.1740, 0.3829, 0.3693
Android (android.graphics.Color)	4285947210 (0xFF765D4A)
YUV	98.3090, -11.9843, 17.2690
Hunter-Lab	34.8913, 3.5191, 10.5450

Details

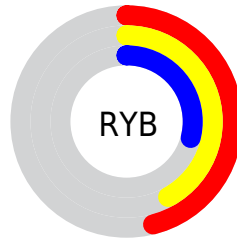
The YIQ color **98.3090, 20.9990, -0.6090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **93.6910, -20.9990, 0.6090**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.0920, 23.1080, -0.2840**, and **51.3410, 17.9730, -0.8350** is the 20% darker color. If you saturate the color by 10%, you get **92.8320, 26.7760, -0.6800**, and if you desaturate by 10%, it is **103.7860, 15.2220, -0.5380**.

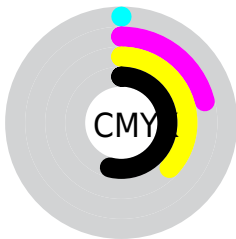
Distribution



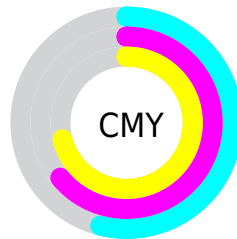
- Red (46%)
- Green (36%)
- Blue (29%)



- Red (46%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.3090, 20.9990, -0.6090 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 98.3090, 20.9990, -0.6090 by changing the saturation by 10% instead.

■ 98.3090, 20.9990,
-0.6090

■ 98.3090, 20.9990,
-0.6090

■ 255.0000, -0.0000,
-0.0000

■ 74.1240, 20.0820,
-0.5100

■ 149.0920, 23.1080,
-0.2840

■ 51.3410, 17.9730,
-0.8350

■ 176.2770, 24.0250,
-0.3830

■ 29.7000, 18.3400,
-1.9800

■ 203.4620, 24.9420,
-0.4820

■ 6.8770, 13.7080,
4.8760

■ 231.4620, 24.9420,
-0.4820

■ 0.0000, 0.0000,
0.0000

■ 251.6770, 7.9790,
-6.9410

■ 98.3090, 20.9990,
-0.6090

■ 98.3090, 20.9990,
-0.6090

■ 92.8320, 26.7760,
-0.6800

■ 103.7860, 15.2220,
-0.5380

■ 87.9420, 32.2780,
-1.2740

■ 108.6760, 9.7200,
0.0560

■ 82.5790, 37.7340,
-1.0340

■ 114.0390, 4.2640,
-0.1840

■ 77.1020, 43.5110,
-1.1050

■ 119.5160, -1.5130,
-0.1130

■ 71.6250, 49.2880,
-1.1760

■ 124.9930, -7.2900,
-0.0420

■ 66.7350, 54.7900,
-1.7700

■ 129.8830,
-12.7920, 0.5520

■ 65.2190, 56.3030,
-1.6570

■ 135.3600,
-18.5690, 0.6230

■ 140.7230,

-24.0250, 0.3830

■ 145.6130,
-29.5270, 0.9770

Harmonies

Analogous

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



99.0800, 23.3820, 5.7660



98.3090, 20.9990, -0.6090



97.3140, 13.4350, -6.7010

Triad

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



98.3090, 20.9990, -0.6090



92.3450, -23.3810, -11.2930



99.3560, -3.5780, 9.7820

Complementary

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



98.3090, 20.9990, -0.6090



93.6910, -20.9990, 0.6090

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.



97.4790, -17.2860, 4.9060



98.3090, 20.9990, -0.6090



91.7450, -30.2590, -7.7870

Square

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



98.3090, 20.9990, -0.6090



93.4620, -10.5890, -11.8450



93.8150, -27.2800, -1.2000



100.3530, 9.6720, 11.9440

Rectangle

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



98.3090, 20.9990, -0.6090



96.0250, 6.8790, -9.0330



93.8150, -27.2800, -1.2000



98.4910, -8.3920, 8.9200

Sweetspot

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



98.3090, 20.9990, -0.6090



145.1920, 8.2070, -0.0570



90.1200, 17.8780, 17.4140



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.



98.3090, 20.9990, -0.6090



122.2410, 32.8740, -1.0620



110.6360, 15.2240, -11.5920



55.9680, 3.0260, 0.2260



67.5890, 58.1370, -1.8550



138.1460, 119.3000, -3.4840

Inverse Universe

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



93.6910, -20.9990, 0.6090



114.7590, -32.8740, 1.0620



81.3640, -15.2240, 11.5920



55.4450, -2.7510, 0.2970



54.9980, -58.4120, 1.3320



111.8540, -119.3000, 3.4840

Previews

White Background



This preview shows how the YIQ color 98.3090, 20.9990, -0.6090 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 98.3090, 20.9990, -0.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

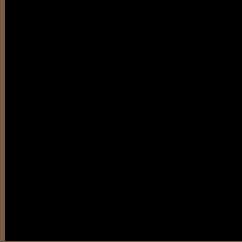
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.3090, 20.9990, -0.6090

Background



This preview shows how black text looks on a background with the YIQ color 98.3090, 20.9990, -0.6090.



This preview shows how white text looks on a background with the YIQ color 98.3090, 20.9990,

-0.6090.

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

98.3090, 20.9990, -0.6090

Protanopia

97.5850, 11.2340, -5.3580

Deuteranopia

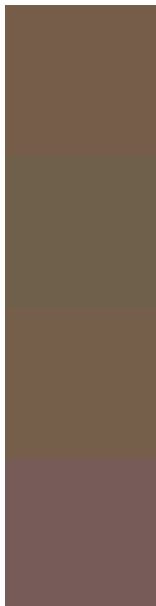
98.2980, 19.5320, -1.5560



Tritanopia

99.7680, 15.6330, 8.5370

Trichromacy



Original Color

98.3090, 20.9990, -0.6090

Protanomaly

97.7920, 15.0850, -3.5630

Deuteranomaly

98.5970, 20.1280, -1.3440

Tritanomaly

99.1440, 17.3300, 5.3140

Monochromacy



Original Color

98.3090, 20.9990, -0.6090

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.3090, 20.9990, -0.6090 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(118, 93, 74)` looks like.

```
.text, #text, p{  
    color:rgb(118, 93, 74)  
}
```

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(118, 93, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 93, 74) }
```

Border

The CSS property to change the border of an element to YIQ 98.3090, 20.9990, -0.6090 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(118, 93, 74) }
```


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

```
.border{ border-color:rgb(118, 93, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 93, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 93, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 93, 74);  
box-shadow:4px 4px 4px 4px rgb(118, 93,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 98.3090, 20.9990, -0.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 93, 74) }
```

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

```
.background{ background-color: rgb(118, 93,  
74) }
```

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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