

Converting Colors

YIQ(98.9790, 29.7150, -26.4210)

Have a look what the booklet for
YIQ(98.9790, 29.7150, -26.4210)
contains.

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Color

**YIQ(98.9790, 29.7150,
-26.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6C15
RGB	111, 108, 21
RGB Percent	44%, 42%, 8%
CMY	0.5648, 0.5765, 0.9174
CMYK	0.00, 0.03, 0.81, 0.56
HSL	58°, 68%, 26%
HSV	58°, 81%, 44%
XYZ	12.0522, 14.1579, 2.8093
YIQ	98.9790, 29.7150, -26.4210

Conversions

Conversions Part 2

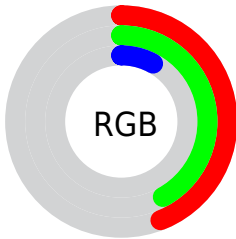
Format	Color
R_{YB}	24, 111, 21
Decimal	7302165
CIE Lab	44.46, -9.40, 45.14
CIE LCh	44, 46.109, 101.764
Yxy	14.1579, 0.4153, 0.4879
Android (android.graphics.Color)	4285492245 (0xFF6F6C15)
YUV	98.9790, -38.4436, 10.5424
Hunter-Lab	37.6269, -8.6720, 21.9122

Details

The YIQ color **98.9790, 29.7150, -26.4210** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33.0210, -29.7150, 26.4210**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9900, 31.1820, -25.4740**, and **53.7470, 18.9850, -19.1830** is the 20% darker color. If you saturate the color by 10%, you get **97.7250, 33.2460, -29.8420**, and if you desaturate by 10%, it is **100.2330, 26.1840, -23.0000**.

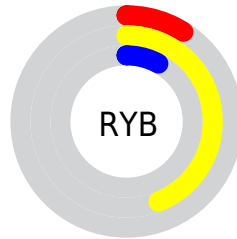
Distribution



Red (44%)

Green (42%)

Blue (8%)



Red (9%)

Yellow (44%)

Blue (8%)

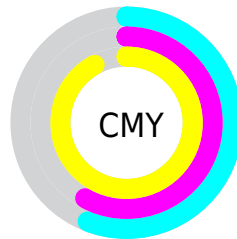


Cyan (0%)

Magenta (3%)

Yellow (81%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.9790, 29.7150, -26.4210 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 98.9790, 29.7150, -26.4210 by changing the saturation by 10% instead.

■ 98.9790, 29.7150,
-26.4210

■ 98.9790, 29.7150,
-26.4210

■ 255.0000, -0.0000,
-0.0000

■ 74.7230, 27.5600,
-25.9120

■ 150.9900, 31.1820,
-25.4740

■ 53.7470, 18.9850,
-19.1830

■ 178.0610, 32.4200,
-25.8840

■ 33.3580, 10.1350,
-12.9770

■ 206.1320, 33.6580,
-26.2940

■ 12.0390, -4.9040,
-10.2480

■ 234.6160, 35.1710,
-26.1810

■ 0.0000, 0.0000,
0.0000

■ 246.2220, 24.7170,
-23.9470

■ 249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,
-6.2200

■ 98.9790, 29.7150,
-26.4210

■ 98.9790, 29.7150,
-26.4210

■ 97.7250, 33.2460,
-29.8420

■ 100.2330, 26.1840,
-23.0000

■ 95.9980, 36.7310,
-32.4290

■ 102.0740, 22.3780,
-20.1020

■ 103.3280, 18.8470,
-16.6810

■ 104.5820, 15.3160,
-13.2600

■ 106.5370, 11.1890,
-10.0510

■ 107.7910, 7.6580,
-6.6300

■ 109.6320, 3.8520,
-3.7320

■ 110.8860, 0.3210,
-0.3110

■ 112.1400, -3.2100,
3.1100

Harmonies

Analogous

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



102.0130, 50.7110, -10.4490



98.9790, 29.7150, -26.4210



94.0270, -5.7710, -33.0910

Triad

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



98.9790, 29.7150, -26.4210



89.2840, -83.3050, -15.6010



106.4080, 35.3430, 36.8070

Complementary

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



98.9790, 29.7150, -26.4210



33.0210, -29.7150, 26.4210

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.



108.2110, -0.8310, 31.5930



98.9790, 29.7150, -26.4210



88.3840, -89.0380, -5.3100

Square

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



98.9790, 29.7150, -26.4210



86.4680, -72.6200, -27.5320



98.6110, -52.4080, 13.6720



103.3160, 55.7930, 29.6250

Rectangle

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



98.9790, 29.7150, -26.4210



84.3460, -43.4580, -38.4180



98.6110, -52.4080, 13.6720



107.7210, 24.1560, 35.8040

Sweetspot

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



98.9790, 29.7150, -26.4210



140.4230, 11.5100, -10.3620



48.2520, 52.6770, 20.0130



71.0190, 7.0160, -6.0080



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



98.9790, 29.7150, -26.4210



126.5780, 46.3610, -41.7590



88.1820, 3.8580, -36.8940



55.3160, 1.9260, -1.8660



103.9720, 39.6200, -35.2280



214.1460, 81.4870, -72.6330

Inverse Universe

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



33.0210, -29.7150, 26.4210



23.0090, -46.6360, 41.2360



43.8180, -3.8580, 36.8940



51.2710, -2.2010, 1.3430



16.0280, -39.6200, 35.2280



32.8540, -81.4870, 72.6330

Previews

White Background



This preview shows how the YIQ color 98.9790, 29.7150, -26.4210 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 98.9790, 29.7150, -26.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

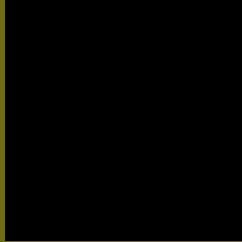
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.9790, 29.7150, -26.4210

Background



This preview shows how black text looks on a background with the YIQ color 98.9790, 29.7150, -26.4210.



This preview shows how white text looks on a background with the YIQ color 98.9790, 29.7150, -26.4210.

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

98.9790, 29.7150, -26.4210

Protanopia

99.1970, 35.0330, -23.6790

Deuteranopia

101.1320, 42.8260, -16.2300



Tritanopia

106.8810, 7.8850, 5.7810

Trichromacy



Original Color

98.9790, 29.7150, -26.4210

Protanomaly

98.8870, 32.9700, -24.8380

Deuteranomaly

100.2730, 37.8750, -20.1170

Tritanomaly

104.0970, 15.5440, -6.3760

Monochromacy



Original Color

98.9790, 29.7150, -26.4210

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.7650, 10.5470, -9.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.9790, 29.7150, -26.4210 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(111, 108, 21)` looks like.

```
.text, #text, p{  
    color:rgb(111, 108, 21)  
}
```

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(111, 108, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 108, 21) }
```

Border

The CSS property to change the border of an element to YIQ 98.9790, 29.7150, -26.4210 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(111, 108, 21) }
```


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

```
.border{ border-color:rgb(111, 108, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 108, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 108, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 108, 21);  
box-shadow:4px 4px 4px 4px rgb(111, 108,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 98.9790, 29.7150, -26.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 108, 21) }
```

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

```
.background{ background-color: rgb(111,  
108, 21) }
```

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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