

Converting Colors

YIQ(26.4460, 31.0390, 4.6630)

Have a look what the booklet for
YIQ(26.4460, 31.0390, 4.6630)
contains.

YIQ(26.4460, 31.0390, 4.6630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(26.4460, 31.0390,
4.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	3B0F00
RGB	59, 15, 0
RGB Percent	23%, 6%, 0%
CMY	0.7685, 0.9412, 0.9999
CMYK	0.00, 0.75, 1.00, 0.77
HSL	15°, 100%, 12%
HSV	15°, 100%, 23%
XYZ	1.9758, 1.2717, 0.1423
YIQ	26.4460, 31.0390, 4.6630

Conversions

Conversions Part 2

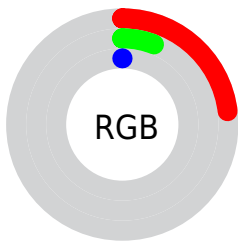
Format	Color
R_{YB}	59, 20, 0
Decimal	3870464
CIE Lab	11.08, 20.77, 17.06
CIE LCh	11, 26.880, 39.400
Yxy	1.2717, 0.5829, 0.3752
Android (android.graphics.Color)	4282060544 (0xFF3B0F00)
YUV	26.4460, -13.0379, 28.5499
Hunter-Lab	11.2772, 11.5391, 7.1458

Details

The YIQ color **26.4460, 31.0390, 4.6630** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.5540, -31.0390, -4.6630**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.8810, 34.2480, 7.0800**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4460, 31.0390, 4.6630**, and if you desaturate by 10%, it is **29.4780, 28.0130, 4.4370**.

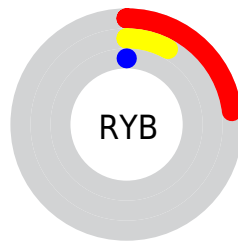
Distribution



Red (23%)

Green (6%)

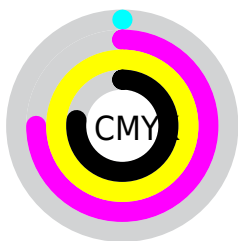
Blue (0%)



Red (23%)

Yellow (8%)

Blue (0%)

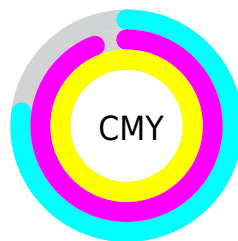


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.4460, 31.0390, 4.6630 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 26.4460, 31.0390, 4.6630 by changing the saturation by 10% instead.

■ 26.4460, 31.0390,
4.6630

■ 26.4460, 31.0390,
4.6630

■ 244.6500, 12.6090,
-2.7430

■ 11.0630, 22.0520,
7.8440

■ 72.9950, 33.9270,
7.3910

■ 0.0000, 0.0000,
0.0000

■ 97.6640, 36.3570,
7.4050


■ 123.1480, 37.8700,
7.5180


■ 148.9310, 39.9790,
7.8430


■ 175.8280, 41.7670,
8.4790


■ 204.0130, 42.6840,


8.3800


 224.4350, 29.5720,
3.7160


 26.4460, 31.0390,
4.6630

 29.4780, 28.0130,
4.4370

 33.0970, 24.7120,
3.6880

 36.1290, 21.6860,
3.4620

 39.7480, 18.3850,
2.7130

 42.7800, 15.3590,
2.4870

■ 45.6980, 12.6540,
1.9500

■ 49.3170, 9.3530,
1.2010

■ 52.3490, 6.3270,
0.9750

■ 55.9680, 3.0260,
0.2260

Harmonies

Analogous

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



26.6710, 26.4520, 16.2120



26.4460, 31.0390, 4.6630



28.4400, 22.0080, -2.3760

Triad

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



26.4460, 31.0390, 4.6630



23.4290, -14.9900, -14.6860



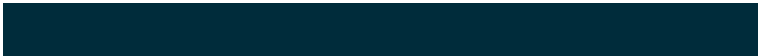
25.1340, -29.4360, 4.8360

Complementary

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



26.4460, 31.0390, 4.6630



32.5540, -31.0390, -4.6630

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.



27.8410, -30.1690, 1.5990



26.4460, 31.0390, 4.6630



26.2960, -21.6850, -8.9890

Square

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



26.4460, 31.0390, 4.6630



25.0300, -0.6850, -15.1250



28.3480, -27.4630, -3.3910



30.5890, -2.6160, 14.3760

Rectangle

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



26.4460, 31.0390, 4.6630



28.6840, 15.2690, -6.8990



28.3480, -27.4630, -3.3910



26.4220, -30.3070, 4.1010

Sweetspot

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



26.4460, 31.0390, 4.6630



63.8120, 12.3330, 2.2610



22.6570, 21.0400, 26.1920



30.5340, 7.2440, 0.8760



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



26.4460, 31.0390, 4.6630



34.1760, 40.6670, 6.3870



43.4690, 23.0640, -10.5040



28.8970, 1.7880, 0.6360



42.1940, 49.4240, 7.3760



99.2500, 116.9120, 17.7760

Inverse Universe

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



32.5540, -31.0390, -4.6630



42.2370, -40.3920, -5.8640



15.5310, -23.0640, 10.5040



29.5160, -1.5130, -0.1130



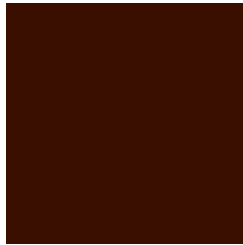
51.8060, -49.4240, -7.3760



122.7500, -116.9120, -17.7760

Previews

White Background



This preview shows how the YIQ color 26.4460, 31.0390, 4.6630 looks on a white background.

Color Contrast Check

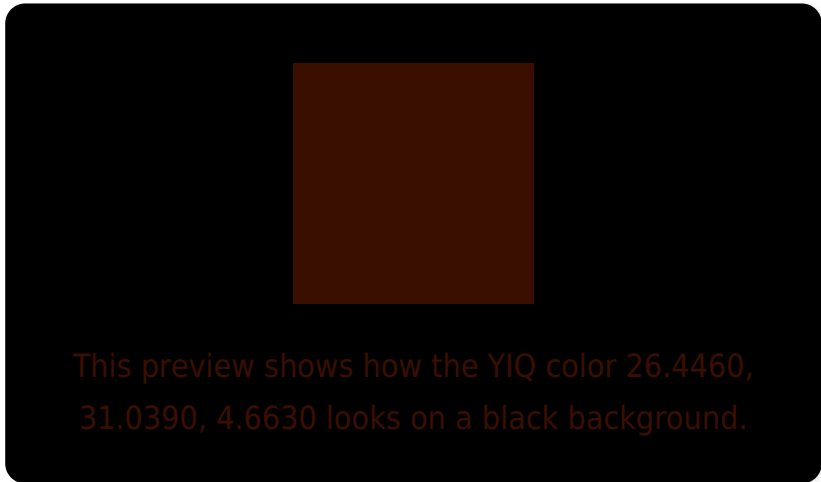
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

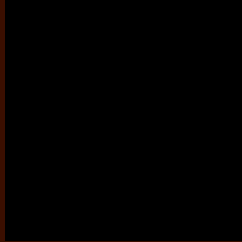
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.4460, 31.0390, 4.6630

Background



This preview shows how black text looks on a background with the YIQ color 26.4460, 31.0390, 4.6630.



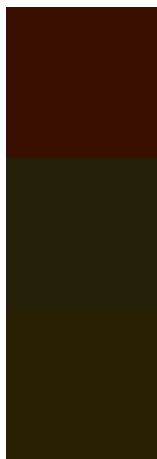
This preview shows how white text looks on a background with the YIQ color 26.4460, 31.0390,

4.6630.

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

26.4460, 31.0390, 4.6630

Protanopia

30.3460, 10.4090, -6.9270

Deuteranopia

29.5700, 15.5900, -7.2100



Tritanopia

27.4550, 26.8200, 9.5400

Trichromacy



Original Color

26.4460, 31.0390, 4.6630

Protanomaly

28.8740, 17.7900, -3.0260

Deuteranomaly

28.7280, 21.1370, -3.1110

Tritanomaly

26.8850, 28.4250, 7.9850

Monochromacy



Original Color

26.4460, 31.0390, 4.6630

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.2140, 11.1410, 1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.4460, 31.0390, 4.6630 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(59, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 15, 0)  
}
```

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(59, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 15, 0) }
```

Border

The CSS property to change the border of an element to YIQ 26.4460, 31.0390, 4.6630 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(59, 15, 0) }
```


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

```
.border{ border-color:rgb(59, 15, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 15, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 15, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 15, 0); box-shadow:4px  
4px 4px 4px rgb(59, 15, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 26.4460, 31.0390, 4.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 15, 0) }
```

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

```
.background{ background-color: rgb(59, 15,  
0) }
```

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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