

Converting Colors

YIQ(26.6720, 33.8790, 19.2790)

Have a look what the booklet for
YIQ(26.6720, 33.8790, 19.2790)
contains.

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Color

**YIQ(26.6720, 33.8790,
19.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	470516
RGB	71, 5, 22
RGB Percent	28%, 2%, 9%
CMY	0.7214, 0.9805, 0.9136
CMYK	0.00, 0.93, 0.69, 0.72
HSL	345°, 87%, 15%
HSV	345°, 93%, 28%
XYZ	2.8008, 1.5072, 0.9039
YIQ	26.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

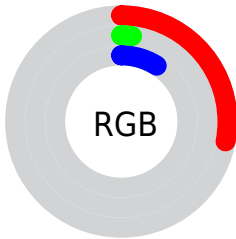
Format	Color
R_{YB}	71, 5, 22
Decimal	4654358
CIE _{Lab}	12.65, 30.93, 8.89
CIE _{LCh}	13, 32.180, 16.032
Yxy	1.5072, 0.5374, 0.2892
Android (android.graphics.Color)	4282844438 (0xFF470516)
YUV	26.6720, -2.3033, 38.8757
Hunter-Lab	12.2768, 19.2376, 4.2283

Details

The YIQ color **26.6720, 33.8790, 19.2790** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **49.3280, -33.8790, -19.2790**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6570, 38.2350, 17.4270**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.2810, 36.5380, 20.6500**, and if you desaturate by 10%, it is **31.3510, 30.3490, 17.1730**.

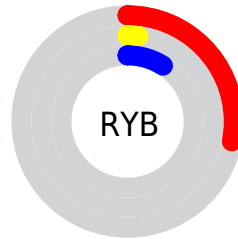
Distribution



Red (28%)

Green (2%)

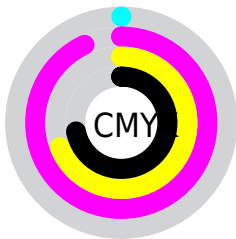
Blue (9%)



Red (28%)

Yellow (2%)

Blue (9%)

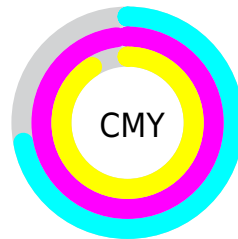


Cyan (0%)

Magenta (93%)

Yellow (69%)

Black (72%)



Cyan (72%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.6720, 33.8790, 19.2790 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 26.6720, 33.8790, 19.2790 by changing the saturation by 10% instead.

■ 26.6720, 33.8790,
19.2790

■ 26.6720, 33.8790,
19.2790

■ 245.2830, 6.6930,
5.3570

■ 14.3520, 28.6080,
10.1760

■ 76.6570, 38.2350,
17.4270

■ 0.0000, 0.0000,
0.0000

■ 101.4400, 40.3440,
17.7520


■ 127.3370, 42.1320,
18.3880


■ 154.1200, 44.2410,
18.7130


■ 181.6040, 45.7540,
18.8260


■ 205.9130, 40.3900,


16.9180


 225.5410, 23.7020,
10.9820


 26.6720, 33.8790,
19.2790


 26.6720, 33.8790,
19.2790


 23.2810, 36.5380,
20.6500

 31.3510, 30.3490,
17.1730

 36.1440, 26.4980,
15.3780

 40.8230, 22.9680,
13.2720

 45.5020, 19.4380,
11.1660

 50.1810, 15.9080,
9.0600

■ 55.5610, 11.7820,
6.7420

■ 60.2400, 8.2520,
4.6360

■ 64.9190, 4.7220,
2.5300

■ 69.5980, 1.1920,
0.4240

Harmonies

Analogous

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



29.1580, 23.8830, 24.2270



26.6720, 33.8790, 19.2790



29.4140, 34.0650, 4.8890

Triad

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



26.6720, 33.8790, 19.2790



24.9750, -8.0200, -19.8600



30.9700, -34.8460, 3.7620

Complementary

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



26.6720, 33.8790, 19.2790



49.3280, -33.8790, -19.2790

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.



32.0640, -32.4150, -1.7510



26.6720, 33.8790, 19.2790



27.0480, -18.2910, -15.4350

Square

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



26.6720, 33.8790, 19.2790



29.8140, 8.8510, -11.7330



30.3710, -26.2700, -8.4940



27.4480, -33.1960, 6.9000

Rectangle

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



26.6720, 33.8790, 19.2790



31.4190, 26.5010, -1.2030



30.3710, -26.2700, -8.4940



31.9160, -34.7540, 2.0940

Sweetspot

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



26.6720, 33.8790, 19.2790



74.5720, 13.2490, 7.6890



26.8760, 7.4220, 30.7020



35.2400, 8.2520, 4.6360



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



26.6720, 33.8790, 19.2790



30.2440, 47.1280, 26.9680



33.5390, 35.2110, 6.1470



33.3100, 2.0630, 1.1590



32.5650, 50.6580, 29.0740



74.5990, 116.3530, 66.4730

Inverse Universe

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



26.6720, 33.8790, 19.2790



30.2440, 47.1280, 26.9680



42.4610, -35.2110, -6.1470



33.3100, 2.0630, 1.1590



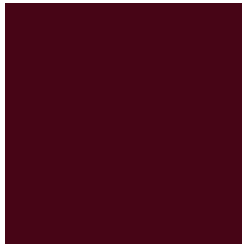
32.5650, 50.6580, 29.0740



74.5990, 116.3530, 66.4730

Previews

White Background



This preview shows how the YIQ color 26.6720, 33.8790, 19.2790 looks on a white background.

Color Contrast Check

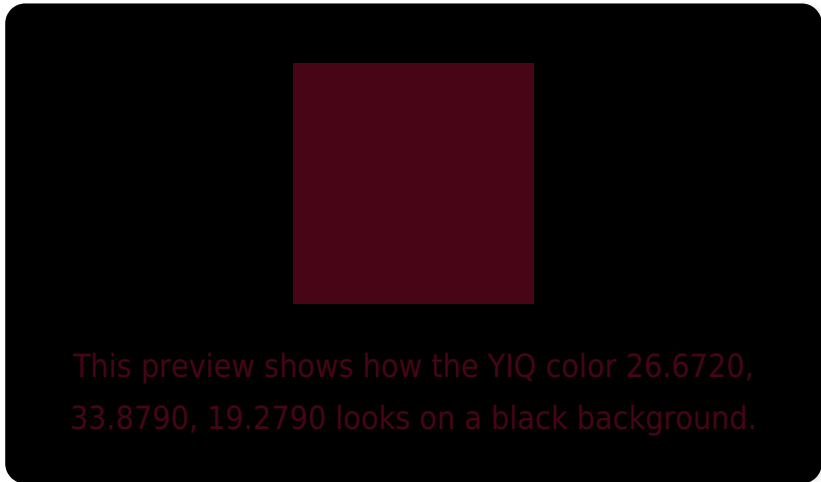
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6720, 33.8790, 19.2790

Background



This preview shows how black text looks on a background with the YIQ color 26.6720, 33.8790, 19.2790.



This preview shows how white text looks on a background with the YIQ color 26.6720, 33.8790,

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

26.6720, 33.8790, 19.2790

Protanopia

36.1420, 2.4760, -0.8200

Deuteranopia

36.1660, 11.0960, -2.8560



Tritanopia

28.1250, 36.6770, 12.6210

Trichromacy



Original Color

26.6720, 33.8790, 19.2790

Protanomaly

32.8170, 13.9370, 6.2330

Deuteranomaly

32.5140, 19.1640, 5.1160

Tritanomaly

27.5210, 35.6220, 15.2220

Monochromacy



Original Color

26.6720, 33.8790, 19.2790

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.8600, 12.3780, 6.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.6720, 33.8790, 19.2790 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(71, 5, 22)` looks like.

```
.text, #text, p{  
    color:rgb(71, 5, 22)  
}
```

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(71, 5, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 5, 22) }
```

Border

The CSS property to change the border of an element to YIQ 26.6720, 33.8790, 19.2790 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(71, 5, 22) }
```


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

```
.border{ border-color:rgb(71, 5, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 5, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 5, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 5, 22); box-shadow:4px  
4px 4px 4px rgb(71, 5, 22) }
```

Background

The CSS property to change the background color of an element to YIQ 26.6720, 33.8790, 19.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 5, 22) }
```

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

```
.background{ background-color: rgb(71, 5,  
22) }
```

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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