

Converting Colors

YIQ(37.4490, -25.7690, 9.9670)

Have a look what the booklet for
YIQ(37.4490, -25.7690, 9.9670)
contains.

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Color

**YIQ(37.4490, -25.7690,
9.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	132653
RGB	19, 38, 83
RGB Percent	7%, 15%, 33%
CMY	0.9255, 0.8509, 0.6746
CMYK	0.77, 0.54, 0.00, 0.67
HSL	222°, 63%, 20%
HSV	222°, 77%, 33%
XYZ	2.5218, 2.1491, 8.4584
YIQ	37.4490, -25.7690, 9.9670

Conversions

Conversions Part 2

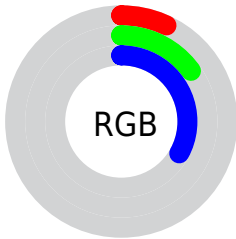
Format	Color
R_{YB}	19, 34, 83
Decimal	1254995
CIE _{Lab}	16.25, 10.12, -29.73
CIE _{LCh}	16, 31.406, 288.789
Yxy	2.1491, 0.1921, 0.1637
Android (android.graphics.Color)	4279445075 (0xFF132653)
YUV	37.4490, 22.4566, -16.1798
Hunter-Lab	14.6599, 5.0510, -23.9470

Details

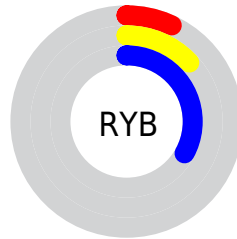
The YIQ color **37.4490, -25.7690, 9.9670** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.5510, 25.7690, -9.9670**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8240, -22.3310, 13.7410**, and **5.5060, -12.7480, 10.7720** is the 20% darker color. If you saturate the color by 10%, you get **31.5350, -28.8870, 11.4090**, and if you desaturate by 10%, it is **43.3630, -22.6510, 8.5250**.

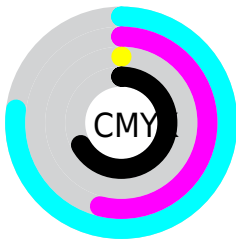
Distribution



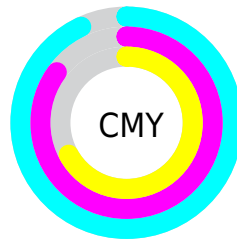
- Red (7%)
- Green (15%)
- Blue (33%)



- Red (7%)
- Yellow (13%)
- Blue (33%)



- Cyan (77%)
- Magenta (54%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.4490, -25.7690, 9.9670 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 37.4490, -25.7690, 9.9670 by changing the saturation by 10% instead.

■ 37.4490, -25.7690,
9.9670

■ 37.4490, -25.7690,
9.9670

■ 255.0000, -0.0000,
-0.0000

■ 17.4060, -24.2100,
9.2460

■ 84.8240, -22.3310,
13.7410

■ 5.3920, -12.4270,
10.4610

■ 109.3510,
-22.3770, 14.5750

■ 2.1830, -4.7690,
3.8310

■ 135.4650,
-22.6980, 14.8860

■ 0.0000, 0.0000,
0.0000

■ 161.9920,
-22.7440, 15.7200

■ 188.6330,
-23.1110, 16.8650

■ 214.8090,

-17.9750, 11.8890

239.9160, -8.3910,
3.3930

37.4490, -25.7690,
9.9670

37.4490, -25.7690,
9.9670

31.5350, -28.8870,
11.4090

43.3630, -22.6510,
8.5250

25.3220, -32.6010,
12.6390

49.5760, -18.9370,
7.2950

24.1370, -33.5180,
12.7380

55.4900, -15.8190,
5.8530

60.8170, -12.4260,
4.9340

66.7310, -9.3080,
3.4920

■ 72.9440, -5.5940,
2.2620

■ 78.8580, -2.4760,
0.8200

■ 84.7720, 0.6420,
-0.6220

■ 90.3980, 4.6310,
-1.3290

Harmonies

Analogous

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



35.9910, -39.3390, 2.5890



37.4490, -25.7690, 9.9670



41.1710, 4.6730, 19.9450

Triad

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



37.4490, -25.7690, 9.9670



37.3170, 35.7160, 2.5000



32.8840, -23.7010, -16.5090

Complementary

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



37.4490, -25.7690, 9.9670



64.5510, 25.7690, -9.9670

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.



30.9530, -10.9540, -21.7540



37.4490, -25.7690, 9.9670



38.4740, 24.6680, -6.5320

Square

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



37.4490, -25.7690, 9.9670



36.6780, 33.7420, 16.2540



36.6030, 10.8230, -14.4330



35.5060, -31.0840, -9.3560

Rectangle

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



37.4490, -25.7690, 9.9670



39.7660, 19.1150, 22.5310



36.6030, 10.8230, -14.4330



31.3850, -20.8580, -18.4740

Sweetspot

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



37.4490, -25.7690, 9.9670



89.5460, -10.2250, 3.5910



61.6980, -32.0450, -19.4770



43.0580, -5.9150, 2.5730



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



37.4490, -25.7690, 9.9670



36.0100, -40.3500, 15.4100



30.1830, -12.7960, 22.6600



38.0430, -1.5590, 0.7210



30.1670, -42.2300, 16.4420



66.9510, -93.4470, 36.0650

Inverse Universe

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



40.3020, 32.0450, 19.4770



40.3200, 49.9700, 30.5300



71.8170, 12.7960, -22.6600



38.3100, 2.0630, 1.1590



34.9290, 52.6290, 31.9010



77.2340, 116.1230, 70.6430

Previews

White Background



This preview shows how the YIQ color 37.4490, -25.7690, 9.9670 looks on a white background.

Color Contrast Check

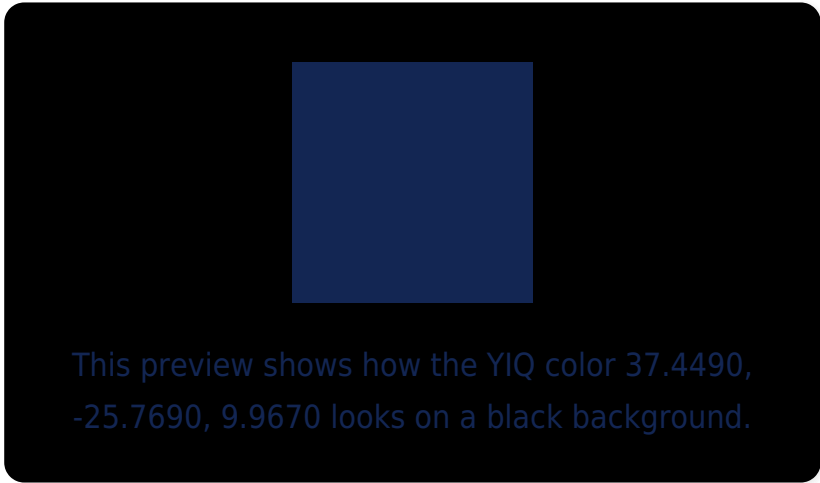
Large Text (above 18pt) WCAG AA ✓ Pass

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

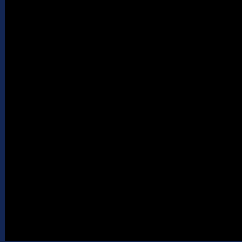
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.4490, -25.7690, 9.9670

Background



This preview shows how black text looks on a background with the YIQ color 37.4490, -25.7690, 9.9670.



This preview shows how white text looks on a background with the YIQ color 37.4490, -25.7690,

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

37.4490, -25.7690, 9.9670

Protanopia

32.3550, -37.3680, 5.4160

Deuteranopia

32.8620, -34.6620, 0.4260



Tritanopia

31.8870, -27.7830, -8.6070

Trichromacy



Original Color

37.4490, -25.7690, 9.9670

Protanomaly

34.4480, -33.1960, 6.9000

Deuteranomaly

34.8240, -31.4990, 3.6770

Tritanomaly

33.7010, -26.9590, -1.5110

Monochromacy



Original Color

37.4490, -25.7690, 9.9670

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.8450, -9.6290, 3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4490, -25.7690, 9.9670 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(19, 38, 83)` looks like.

```
.text, #text, p{  
    color:rgb(19, 38, 83)  
}
```

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(19, 38, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 38, 83) }
```

Border

The CSS property to change the border of an element to YIQ 37.4490, -25.7690, 9.9670 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(19, 38, 83) }
```


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

```
.border{ border-color:rgb(19, 38, 83) }
```

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

Here you see how a box with a 4 pixel rgb(19, 38, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 38, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 38, 83);  
box-shadow:4px 4px 4px 4px rgb(19, 38, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.4490, -25.7690, 9.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 38, 83) }
```

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

```
.background{ background-color: rgb(19, 38,  
83) }
```

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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