

Converting Colors

YIQ(95.3190, -28.5190, 4.7370)

Have a look what the booklet for
YIQ(95.3190, -28.5190, 4.7370)
contains.

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Color

**YIQ(95.3190, -28.5190,
4.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	476487
RGB	71, 100, 135
RGB Percent	28%, 39%, 53%
CMY	0.7216, 0.6078, 0.4707
CMYK	0.47, 0.26, 0.00, 0.47
HSL	213°, 31%, 40%
HSV	213°, 47%, 53%
XYZ	11.5267, 12.2041, 24.6566
YIQ	95.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

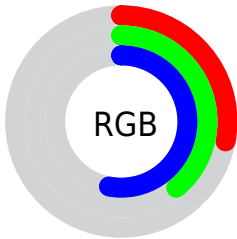
Format	Color
R_{YB}	71, 91, 135
Decimal	4678791
CIE _{Lab}	41.54, -0.52, -22.70
CIE _{LCh}	42, 22.706, 268.685
Yxy	12.2041, 0.2382, 0.2522
Android (android.graphics.Color)	4282868871 (0xFF476487)
YUV	95.3190, 19.5627, -21.3278
Hunter-Lab	34.9344, -2.2388, -17.3926

Details

The YIQ color **95.3190, -28.5190, 4.7370** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.6810, 28.5190, -4.7370**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.8460, -28.5650, 5.5710**, and **46.7700, -31.4070, 2.0090** is the 20% darker color. If you saturate the color by 10%, you get **87.0240, -34.9380, 5.4300**, and if you desaturate by 10%, it is **103.3150, -22.6960, 3.8320**.

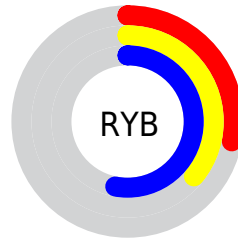
Distribution



Red (28%)

Green (39%)

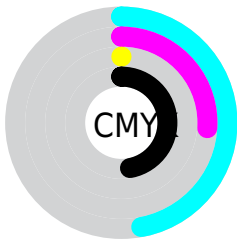
Blue (53%)



Red (28%)

Yellow (36%)

Blue (53%)

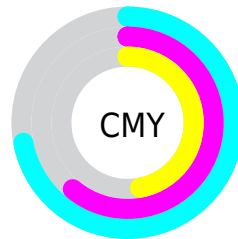


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3190, -28.5190, 4.7370 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 95.3190, -28.5190, 4.7370 by changing the saturation by 10% instead.

■ 95.3190, -28.5190,
4.7370

■ 95.3190, -28.5190,
4.7370

■ 255.0000, -0.0000,
-0.0000

■ 70.6070, -29.3900,
4.0020

■ 146.8460,
-28.5650, 5.5710

■ 46.7700, -31.4070,
2.0090

■ 173.0740,
-29.2070, 6.1930

■ 26.4390, -28.9770,
2.0230

■ 201.1880,
-29.5280, 6.5040

■ 9.8430, -15.3150,
7.7330

■ 227.1360,
-23.7500, 0.9060

■ 2.6390, -6.0530,
5.0750

■ 248.4220,
-13.1120, -4.6640

■ 0.0000, 0.0000,
0.0000

■ 95.3190, -28.5190,
4.7370

■ 95.3190, -28.5190,
4.7370

■ 87.0240, -34.9380,
5.4300

■ 103.3150,
-22.6960, 3.8320

■ 78.4410, -40.4860,
6.8580

■ 112.1970,
-16.5520, 2.6160

■ 70.4450, -46.3090,
7.7630

■ 120.1930,
-10.7290, 1.7110

■ 62.1500, -52.7280,
8.4560

■ 129.0750, -4.5850,
0.4950

■ 53.5670, -58.2760,
9.8840

■ 137.0710, 1.2380,
-0.4100

■ 51.1970, -60.1100,
10.0820

■ 145.3660, 7.6570,
-1.1030

■ 153.9490, 13.2050,
-2.5310

■ 162.2440, 19.6240,

-3.2240

■ 170.2400, 25.4470,
-4.1290

Harmonies

Analogous

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



89.1980, -44.6560, -5.6800



95.3190, -28.5190, 4.7370



99.1260, -8.6220, 13.0900

Triad

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



95.3190, -28.5190, 4.7370



99.1950, 30.4880, 9.1440



92.0440, -12.4680, -16.3400

Complementary

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



95.3190, -28.5190, 4.7370



110.6810, 28.5190, -4.7370

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.



94.7920, 5.9170, -13.6270



95.3190, -28.5190, 4.7370



98.1420, 28.8390, 0.4790

Square

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



95.3190, -28.5190, 4.7370



100.4750, 24.0680, 15.3640



97.0820, 19.9000, -8.2280



88.6920, -31.9080, -16.4520

Rectangle

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



95.3190, -28.5190, 4.7370



100.6500, 4.5820, 16.0860



97.0820, 19.9000, -8.2280



93.2790, -5.8200, -15.6760

Sweetspot

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



95.3190, -28.5190, 4.7370



160.3070, -11.0500, 2.0220



112.4440, -28.5140, -22.8980



79.8190, -6.7400, 1.0040



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



95.3190, -28.5190, 4.7370



113.8150, -44.4750, 7.5650



78.8940, -19.3520, 20.3280



62.4450, -2.7510, 0.2970



49.4530, -57.9550, 9.5730



0.9290, -1.2380, 0.4100

Inverse Universe

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



93.4420, 28.8350, 22.5870



111.0300, 45.1550, 35.1950



127.1060, 19.3520, -20.3280



62.1360, 2.6130, 2.2050



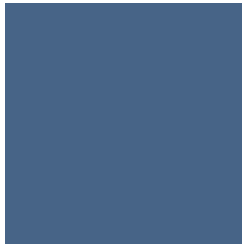
45.5960, 58.5410, 45.9090



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 95.3190, -28.5190, 4.7370 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 95.3190, -28.5190, 4.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

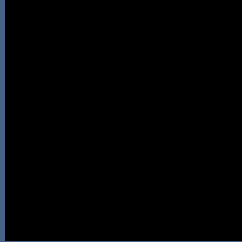
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.3190, -28.5190, 4.7370

Background



This preview shows how black text looks on a background with the YIQ color 95.3190, -28.5190, 4.7370.

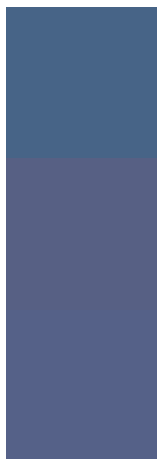


This preview shows how white text looks on a background with the YIQ color 95.3190, -28.5190,

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

95.3190, -28.5190, 4.7370

Protanopia

97.4130, -16.9200, 9.2880

Deuteranopia

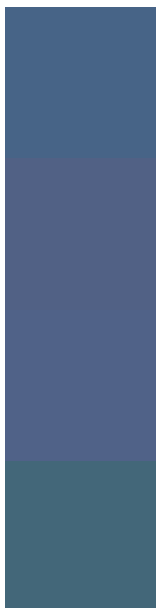
97.8580, -19.6710, 9.5850



Tritanopia

93.0660, -26.7290, -5.6810

Trichromacy



Original Color

95.3190, -28.5190, 4.7370

Protanomaly

96.3200, -21.0920, 7.8040

Deuteranomaly

96.9500, -22.9260, 8.0020

Tritanomaly

94.2880, -27.2340, -2.0340

Monochromacy



Original Color

95.3190, -28.5190, 4.7370

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1930, -10.7290, 1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3190, -28.5190, 4.7370 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, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(71, 100, 135)  
}
```

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, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 100, 135) }
```

Border

The CSS property to change the border of an element to YIQ 95.3190, -28.5190, 4.7370 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, 100, 135) }
```


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

```
.border{ border-color:rgb(71, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(71, 100,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3190, -28.5190, 4.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 100, 135) }
```

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

```
.background{ background-color: rgb(71, 100,  
135) }
```

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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