

Converting Colors

YIQ(91.5690, -26.2270, 7.2530)

Have a look what the booklet for
YIQ(91.5690, -26.2270, 7.2530)
contains.

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Color

**YIQ(91.5690, -26.2270,
7.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	475E85
RGB	71, 94, 133
RGB Percent	28%, 37%, 52%
CMY	0.7216, 0.6313, 0.4786
CMYK	0.47, 0.29, 0.00, 0.48
HSL	218°, 30%, 40%
HSV	218°, 47%, 52%
XYZ	10.8328, 11.0390, 23.7377
YIQ	91.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

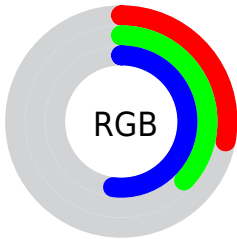
Format	Color
R_{YB}	71, 88, 133
Decimal	4677253
CIE _{Lab}	39.65, 2.57, -24.43
CIE _{LCh}	40, 24.564, 276.001
Yxy	11.0390, 0.2375, 0.2420
Android (android.graphics.Color)	4282867333 (0xFF475E85)
YUV	91.5690, 20.4255, -18.0390
Hunter-Lab	33.2249, 0.0554, -19.1025

Details

The YIQ color **91.5690, -26.2270, 7.2530** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.4310, 26.2270, -7.2530**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.2100, -26.5940, 8.3980**, and **43.3190, -28.5190, 4.7370** is the 20% darker color. If you saturate the color by 10%, you get **82.9860, -31.7750, 8.6810**, and if you desaturate by 10%, it is **100.1520, -20.6790, 5.8250**.

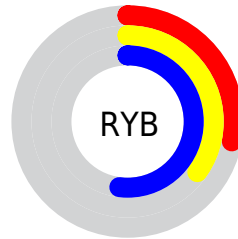
Distribution



Red (28%)

Green (37%)

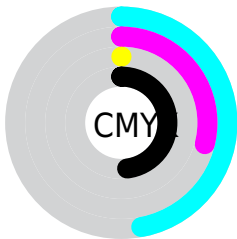
Blue (52%)



Red (28%)

Yellow (35%)

Blue (52%)

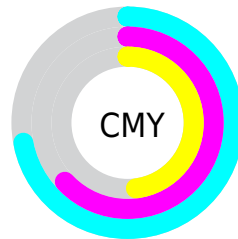


Cyan (47%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (72%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.5690, -26.2270, 7.2530 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 91.5690, -26.2270, 7.2530 by changing the saturation by 10% instead.

■ 91.5690, -26.2270,
7.2530

■ 91.5690, -26.2270,
7.2530

■ 255.0000, -0.0000,
-0.0000

■ 67.7430, -26.7770,
6.2070

■ 142.2100,
-26.5940, 8.3980

■ 43.3190, -28.5190,
4.7370

■ 169.3240,
-26.9150, 8.7090

■ 23.2760, -26.9600,
4.0160

■ 196.5520,
-27.5570, 9.3310

■ 5.5060, -12.7480,
10.7720

■ 222.7280,
-22.4210, 4.3550

■ 2.2970, -5.0900,
4.1420

■ 247.8350,
-12.8370, -4.1410

■ 0.0000, 0.0000,
0.0000

■ 91.5690, -26.2270,
7.2530

■ 91.5690, -26.2270,
7.2530

■ 82.9860, -31.7750,
8.6810

■ 100.1520,
-20.6790, 5.8250

■ 73.5170, -37.6440,
10.4200

■ 109.6210,
-14.8100, 4.0860

■ 64.9340, -43.1920,
11.8480

■ 118.2040, -9.2620,
2.6580

■ 56.3510, -48.7400,
13.2760

■ 126.7870, -3.7140,
1.2300

■ 47.1810, -54.0130,
15.2270

■ 135.9570, 1.5590,
-0.7210

■ 43.9250, -56.1680,
15.7360

■ 144.8390, 7.7030,
-1.9370

■ 154.0090, 12.9760,
-3.8880

■ 162.5920, 18.5240,

-5.3160

■ 171.4740, 24.6680,
-6.5320

Harmonies

Analogous

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



83.8710, -48.0490, -4.7610



91.5690, -26.2270, 7.2530



95.6320, -4.1750, 15.0970

Triad

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



91.5690, -26.2270, 7.2530



94.2230, 33.2850, 8.0130



86.1680, -18.7490, -18.1490

Complementary

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



91.5690, -26.2270, 7.2530



112.4310, 26.2270, -7.2530

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.



89.1720, 1.7910, -15.9450



91.5690, -26.2270, 7.2530



93.4470, 29.2980, -2.3340

Square

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



91.5690, -26.2270, 7.2530



95.5140, 28.3320, 15.1800



92.0170, 18.5250, -10.8430



80.4780, -43.0490, -18.2890

Rectangle

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



91.5690, -26.2270, 7.2530



96.0420, 9.3500, 17.7820



92.0170, 18.5250, -10.8430



87.2890, -11.7800, -17.7960

Sweetspot

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



91.5690, -26.2270, 7.2530



157.0190, -10.1790, 2.7570



111.7260, -29.2480, -20.6080



76.6450, -6.1900, 2.0500



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



91.5690, -26.2270, 7.2530



108.1900, -41.0370, 11.3390



80.1610, -15.7300, 20.7660



61.8580, -2.4760, 0.8200



42.9960, -54.9300, 15.3260



0.9290, -1.2380, 0.4100

Inverse Universe

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



92.1600, 29.5690, 20.2970



109.1070, 46.2560, 31.7600



123.8390, 15.7300, -20.7660



62.0220, 2.9340, 1.8940



44.3420, 62.0720, 42.4880



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 91.5690, -26.2270, 7.2530 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 91.5690, -26.2270, 7.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

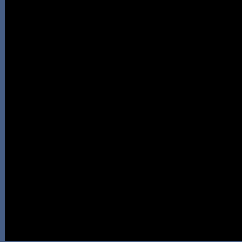
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.5690, -26.2270, 7.2530

Background



This preview shows how black text looks on a background with the YIQ color 91.5690, -26.2270, 7.2530.



This preview shows how white text looks on a background with the YIQ color 91.5690, -26.2270,

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

91.5690, -26.2270, 7.2530

Protanopia

93.1570, -19.0750, 9.7970

Deuteranopia

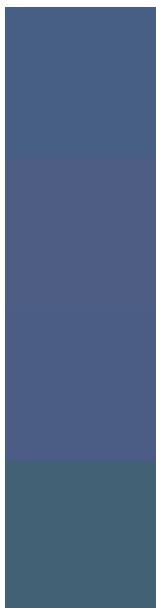
92.4880, -21.5050, 9.7830



Tritanopia

89.1480, -24.0240, -5.1440

Trichromacy



Original Color

91.5690, -26.2270, 7.2530

Protanomaly

92.6620, -22.0550, 8.7370

Deuteranomaly

92.1780, -23.5680, 8.6240

Tritanomaly

89.8970, -24.5750, -0.6630

Monochromacy



Original Color

91.5690, -26.2270, 7.2530

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.9050, -9.8580, 2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.5690, -26.2270, 7.2530 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, 94, 133)` looks like.

```
.text, #text, p{  
    color:rgb(71, 94, 133)  
}
```

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, 94, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 94, 133) }
```

Border

The CSS property to change the border of an element to YIQ 91.5690, -26.2270, 7.2530 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, 94, 133) }
```


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

```
.border{ border-color:rgb(71, 94, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 94, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 94, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 94, 133);  
box-shadow:4px 4px 4px 4px rgb(71, 94,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 91.5690, -26.2270, 7.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 94, 133) }
```

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

```
.background{ background-color: rgb(71, 94,  
133) }
```

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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