

Converting Colors

YIQ(75.7530, -41.9050, -5.9770)

Have a look what the booklet for
YIQ(75.7530, -41.9050, -5.9770)
contains.

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Color

**YIQ(75.7530, -41.9050,
-5.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	205B70
RGB	32, 91, 112
RGB Percent	13%, 36%, 44%
CMY	0.8746, 0.6430, 0.5610
CMYK	0.71, 0.19, 0.00, 0.56
HSL	196°, 56%, 28%
HSV	196°, 71%, 44%
XYZ	7.2599, 8.9618, 16.6628
YIQ	75.7530, -41.9050, -5.9770

Conversions

Conversions Part 2

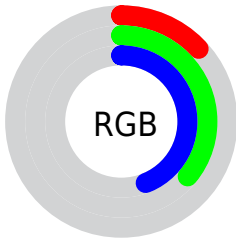
Format	Color
R_{YB}	32, 66, 112
Decimal	2120560
CIE _{Lab}	35.91, -11.61, -17.48
CIE _{LCh}	36, 20.980, 236.410
Yxy	8.9618, 0.2208, 0.2725
Android (android.graphics.Color)	4280310640 (0xFF205B70)
YUV	75.7530, 17.8698, -38.3714
Hunter-Lab	29.9363, -9.1000, -12.0460

Details

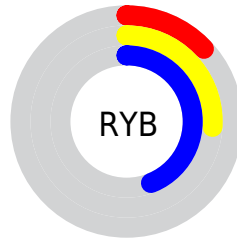
The YIQ color **75.7530, -41.9050, -5.9770** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.2470, 41.9050, 5.9770**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4760, -39.5670, -4.2950**, and **33.7110, -32.9190, -3.6310** is the 20% darker color. If you saturate the color by 10%, you get **70.7030, -47.6360, -6.7400**, and if you desaturate by 10%, it is **80.8030, -36.1740, -5.2140**.

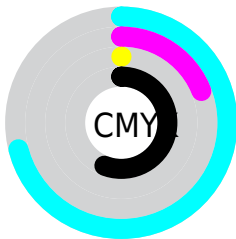
Distribution



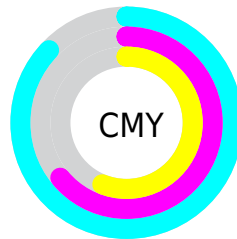
- Red (13%)
- Green (36%)
- Blue (44%)



- Red (13%)
- Yellow (26%)
- Blue (44%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.7530, -41.9050, -5.9770 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 75.7530, -41.9050, -5.9770 by changing the saturation by 10% instead.

■ 75.7530, -41.9050,
-5.9770

■ 75.7530, -41.9050,
-5.9770

■ 255.0000, -0.0000,
-0.0000

■ 49.2470, -46.3520,
-7.9840

■ 127.4760,
-39.5670, -4.2950

■ 33.7110, -32.9190,
-3.6310

■ 154.4760,
-39.5670, -4.2950

■ 19.4630, -20.3570,
-0.0130

■ 181.5900,
-39.8880, -3.9840

■ 2.9810, -7.0160,
6.0080

■ 209.5900,
-39.8880, -3.9840

■ 0.0000, 0.0000,
0.0000

■ 235.3100,
-33.4680, -10.2040

■ 246.3290,

-17.2840, -6.1480

■ 75.7530, -41.9050,
-5.9770

■ 75.7530, -41.9050,
-5.9770

■ 70.7030, -47.6360,
-6.7400

■ 80.8030, -36.1740,
-5.2140

■ 65.6530, -53.3670,
-7.5030

■ 85.8530, -30.4430,
-4.4510

■ 61.4890, -58.7770,
-8.5770

■ 91.2020, -24.1160,
-3.4760

■ 96.2520, -18.3850,
-2.7130

■ 101.3020,
-12.6540, -1.9500

■ 106.3520, -6.9230,
-1.1870

■ 111.4020, -1.1920,
-0.4240

■ 116.1640, 5.4100,
1.0740

■ 121.2140, 11.1410,
1.8370

Harmonies

Analogous

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



73.0530, -43.0500, -12.7620



75.7530, -41.9050, -5.9770



81.8630, -27.2350, 3.4930

Triad

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



75.7530, -41.9050, -5.9770



86.5670, 20.8130, 13.7810



81.7320, 6.1460, -12.2700

Complementary

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



75.7530, -41.9050, -5.9770



68.2470, 41.9050, 5.9770

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.



83.8370, 19.2120, -6.7720



75.7530, -41.9050, -5.9770



85.8140, 27.1870, 8.3950

Square

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



75.7530, -41.9050, -5.9770



86.8630, 8.2960, 14.8560



84.8860, 26.6840, 0.9880



79.6530, -9.8090, -14.9690

Rectangle

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



75.7530, -41.9050, -5.9770



84.7830, -15.0860, 9.0900



84.8860, 26.6840, 0.9880



82.4230, 11.5100, -10.3620

Sweetspot

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



75.7530, -41.9050, -5.9770



131.3340, -15.6800, -2.1760



81.2400, -28.4200, -35.6200



65.3840, -9.9490, -1.4130



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



75.7530, -41.9050, -5.9770



88.8410, -65.7000, -9.7640



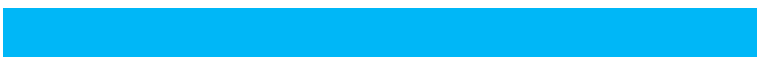
52.8600, -31.1800, 14.4200



53.6190, -3.3010, -0.7490



65.3360, -62.7200, -8.7040



135.5790, -129.6120, -18.8920

Inverse Universe

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



62.6460, 28.7410, 35.3090



67.9770, 44.6470, 55.4230



91.1400, 31.1800, -14.4200



52.3640, 1.9710, 2.8270



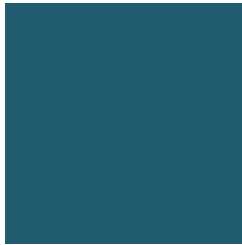
45.9120, 43.2720, 52.8080



94.7150, 88.4690, 109.2770

Previews

White Background



This preview shows how the YIQ color 75.7530, -41.9050, -5.9770 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



This preview shows how the YIQ color 75.7530, -41.9050, -5.9770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

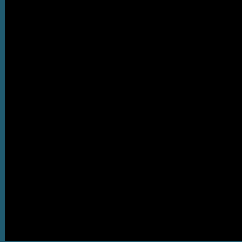
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.7530, -41.9050, -5.9770

Background



This preview shows how black text looks on a background with the YIQ color 75.7530, -41.9050, -5.9770.



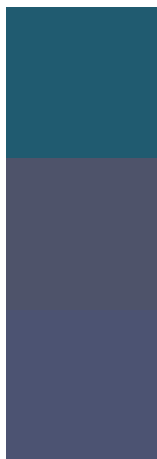
This preview shows how white text looks on a background with the YIQ color 75.7530, -41.9050,

-5.9770.

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

75.7530, -41.9050, -5.9770

Protanopia

84.1270, -10.3630, 6.0930

Deuteranopia

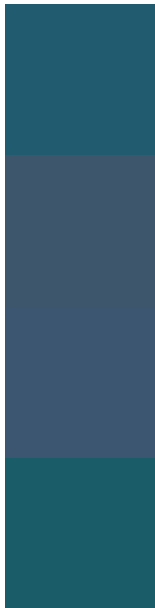
84.4410, -14.1230, 8.1570



Tritanopia

73.2810, -43.6920, -12.1400

Trichromacy



Original Color

75.7530, -41.9050, -5.9770

Protanomaly

81.0330, -21.9620, 1.5420

Deuteranomaly

81.3040, -24.1630, 2.8850

Tritanomaly

74.0470, -42.9130, -9.7370

Monochromacy



Original Color

75.7530, -41.9050, -5.9770

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6330, -15.0840, -1.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.7530, -41.9050, -5.9770 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(32, 91, 112)` looks like.

```
.text, #text, p{  
    color:rgb(32, 91, 112)  
}
```

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(32, 91, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 91, 112) }
```

Border

The CSS property to change the border of an element to YIQ 75.7530, -41.9050, -5.9770 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(32, 91, 112) }
```


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

```
.border{ border-color:rgb(32, 91, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 91, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 91, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 91, 112);  
box-shadow:4px 4px 4px 4px rgb(32, 91,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 75.7530, -41.9050, -5.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 91, 112) }
```

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

```
.background{ background-color: rgb(32, 91,  
112) }
```

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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