

Converting Colors

YIQ(91.5520, -36.7250, -0.7330)

Have a look what the booklet for
YIQ(91.5520, -36.7250, -0.7330)
contains.

YIQ(91.5520, -36.7250, -0.7330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(91.5520, -36.7250,
-0.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	386683
RGB	56, 102, 131
RGB Percent	22%, 40%, 51%
CMY	0.7805, 0.5999, 0.4864
CMYK	0.57, 0.22, 0.00, 0.49
HSL	203°, 40%, 37%
HSV	203°, 57%, 51%
XYZ	10.4767, 11.9842, 23.2185
YIQ	91.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

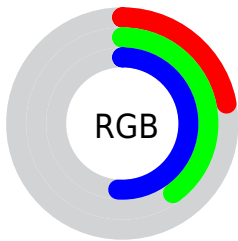
Format	Color
R_{YB}	56, 85, 131
Decimal	3696259
CIE _{Lab}	41.19, -6.78, -20.88
CIE _{LCh}	41, 21.954, 252.019
Yxy	11.9842, 0.2294, 0.2624
Android (android.graphics.Color)	4281886339 (0xFF386683)
YUV	91.5520, 19.4479, -31.1791
Hunter-Lab	34.6182, -6.5613, -15.5332




Details

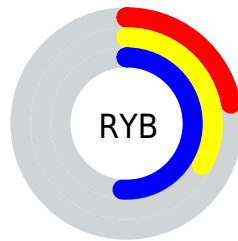
The YIQ color **91.5520, -36.7250, -0.7330** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95.4480, 36.7250, 0.7330**, and the grayscale version is **91.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **143.3780, -36.1750, 0.3130**, and **41.5190, -41.1260, -3.5740** is the 20% darker color. If you saturate the color by 10%, you get **84.7300, -43.0980, -0.8740**, and if you desaturate by 10%, it is **98.3740, -30.3520, -0.5920**.

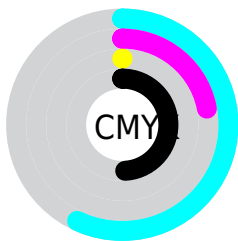
Distribution







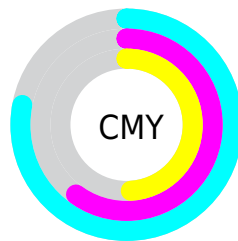
-  Red (22%)
-  Green (40%)
-  Blue (51%)






-  Red (22%)
-  Yellow (33%)
-  Blue (51%)



-  Cyan (57%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (78%)
-  Magenta (60%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.5520, -36.7250, -0.7330 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 91.5520, -36.7250, -0.7330 by changing the saturation by 10% instead.

91.5520, -36.7250,
-0.7330

91.5520, -36.7250,
-0.7330

255.0000, -0.0000,
-0.0000

66.2420, -38.7880,
-1.8920

143.3780,
-36.1750, 0.3130

41.5190, -41.1260,
-3.5740

170.4920,
-36.4960, 0.6240

26.5700, -27.9680,
0.2560

197.6060,
-36.8170, 0.9350

10.6750, -14.9020,
5.7540

224.1240,
-32.6440, -3.1080

2.1830, -4.7690,
3.8310

244.5350,
-20.8600, -7.4200

0.0000, 0.0000,
0.0000

253.2060, -3.5760,

-1.2720

■ 91.5520, -36.7250,
-0.7330

■ 91.5520, -36.7250,
-0.7330

■ 84.7300, -43.0980,
-0.8740

■ 98.3740, -30.3520,
-0.5920

■ 77.9080, -49.4710,
-1.0150

■ 105.1960,
-23.9790, -0.4510

■ 71.0860, -55.8440,
-1.1560

■ 112.0180,
-17.6060, -0.3100

■ 64.2640, -62.2170,
-1.2970

■ 118.8400,
-11.2330, -0.1690

■ 61.8940, -64.0510,
-1.0990

■ 125.6620, -4.8600,
-0.0280

■ 132.7830, 2.1090,
0.3250

■ 139.6050, 8.4820,
0.4660

■ 146.4270, 14.8550,
0.6070

■ 153.8360, 20.9530,
0.2250

Harmonies

Analogous

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



86.7800, -46.5350, -10.1750



91.5520, -36.7250, -0.7330



96.5160, -18.7080, 8.6520

Triad

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



91.5520, -36.7250, -0.7330



99.3350, 27.2780, 12.2540



92.9590, -1.9230, -14.7150

Complementary

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



91.5520, -36.7250, -0.7330



95.4480, 36.7250, 0.7330

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.



95.0920, 13.9400, -10.3480



91.5520, -36.7250, -0.7330



98.3750, 29.8010, 5.0730

Square

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



91.5520, -36.7250, -0.7330



99.9950, 16.7320, 16.1560



96.7670, 25.4010, -3.2950



90.1510, -20.0790, -16.0710

Rectangle

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



91.5520, -36.7250, -0.7330



98.7950, -6.1920, 13.1040



96.7670, 25.4010, -3.2950



94.0090, 3.8080, -13.9520

Sweetspot

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



91.5520, -36.7250, -0.7330



155.8720, -14.2590, -0.3950



103.3310, -29.9340, -30.2060



77.5090, -8.8030, -0.1550



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.



91.5520, -36.7250, -0.7330



108.7160, -57.6780, -0.9580



69.8330, -26.5500, 18.6180



63.0320, -3.0260, -0.2260



61.7800, -63.7300, -1.4100



1.5160, -1.5130, -0.1130

Inverse Universe

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



83.6690, 29.9340, 30.2060



96.4900, 47.2160, 47.4080



117.1670, 26.5500, -18.6180



62.2500, 2.2920, 2.5160



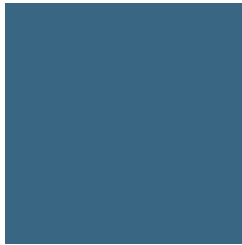
47.9900, 51.8000, 52.4400



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 91.5520, -36.7250, -0.7330 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 91.5520, -36.7250, -0.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

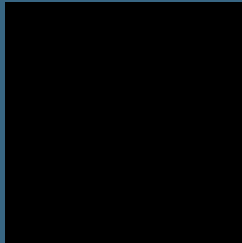
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.5520, -36.7250, -0.7330

Background



This preview shows how black text looks on a background with the YIQ color 91.5520, -36.7250, -0.7330.



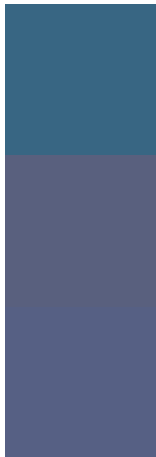
This preview shows how white text looks on a background with the YIQ color 91.5520, -36.7250,

-0.7330.

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

91.5520, -36.7250, -0.7330

Protanopia

97.3270, -13.8020, 7.8460

Deuteranopia

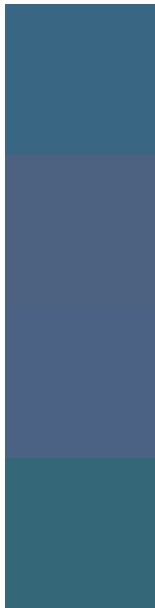
97.1140, -17.5160, 9.0760



Tritanopia

89.2820, -36.2650, -9.0730

Trichromacy



Original Color

91.5520, -36.7250, -0.7330

Protanomaly

95.1410, -22.1460, 4.8780

Deuteranomaly

94.9990, -24.6220, 5.6980

Tritanomaly

90.2760, -36.1280, -6.0480

Monochromacy



Original Color

91.5520, -36.7250, -0.7330

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0570, -13.3420, -0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.5520, -36.7250, -0.7330 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(56, 102, 131)` looks like.

```
.text, #text, p{  
    color:rgb(56, 102, 131)  
}
```

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(56, 102, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 102, 131) }
```

Border

The CSS property to change the border of an element to YIQ 91.5520, -36.7250, -0.7330 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(56, 102, 131) }
```


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

```
.border{ border-color:rgb(56, 102, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 102, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 102, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 102, 131);  
box-shadow:4px 4px 4px 4px rgb(56, 102,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 91.5520, -36.7250, -0.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 102, 131) }
```

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

```
.background{ background-color: rgb(56, 102,  
131) }
```

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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