

Converting Colors

YIQ(35.5950, -11.9210, 1.2870)

Have a look what the booklet for
YIQ(35.5950, -11.9210, 1.2870)
contains.

YIQ(35.5950, -11.9210, 1.2870)	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(35.5950, -11.9210,
1.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	192633
RGB	25, 38, 51
RGB Percent	10%, 15%, 20%
CMY	0.9020, 0.8510, 0.8001
CMYK	0.51, 0.25, 0.00, 0.80
HSL	210°, 34%, 15%
HSV	210°, 51%, 20%
XYZ	1.6913, 1.8321, 3.3948
YIQ	35.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

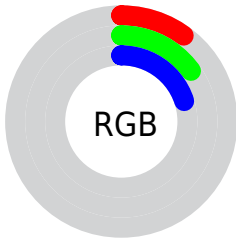
Format	Color
RYB	25, 34, 51
Decimal	1648179
CIELab	14.58, -1.28, -10.22
CIElCh	15, 10.303, 262.890
Yxy	1.8321, 0.2445, 0.2648
Android (android.graphics.Color)	4279838259 (0xFF192633)
YUV	35.5950, 7.5947, -9.2918
Hunter-Lab	13.5354, -1.3831, -5.3956

Details

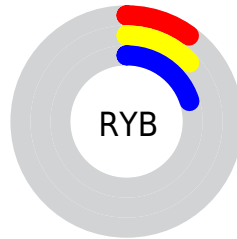
The YIQ color **35.5950, -11.9210, 1.2870** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.4050, 11.9210, -1.2870**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.7090, -12.2420, 1.5980**, and **0.2280, -0.6420, 0.6220** is the 20% darker color. If you saturate the color by 10%, you get **32.3390, -14.0760, 1.7960**, and if you desaturate by 10%, it is **38.8510, -9.7660, 0.7780**.

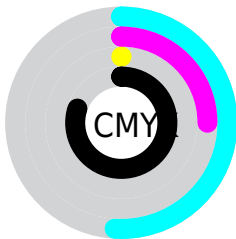
Distribution



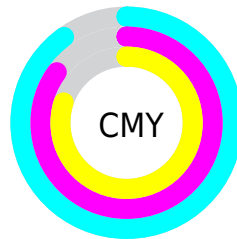
- Red (10%)
- Green (15%)
- Blue (20%)



- Red (10%)
- Yellow (13%)
- Blue (20%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (80%)



- Cyan (90%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.5950, -11.9210, 1.2870 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 35.5950, -11.9210, 1.2870 by changing the saturation by 10% instead.

■ 35.5950, -11.9210,
1.2870

■ 35.5950, -11.9210,
1.2870

■ 255.0000, -0.0000,
-0.0000

■ 13.6980, -13.7090,
0.6510

■ 80.7090, -12.2420,
1.5980

■ 0.2280, -0.6420,
0.6220

■ 104.8230,
-12.5630, 1.9090

■ 0.0000, 0.0000,
0.0000

■ 129.9370,
-12.8840, 2.2200

■ 155.7520,
-13.8010, 2.3190

■ 182.7520,
-13.8010, 2.3190

■ 210.4530,

-14.3970, 2.1070

■ 238.4100,
-12.8380, 1.3860

■ 35.5950, -11.9210,
1.2870

■ 35.5950, -11.9210,
1.2870

■ 32.3390, -14.0760,
1.7960

■ 38.8510, -9.7660,
0.7780

■ 29.6700, -16.5060,
1.7820

■ 41.5200, -7.3360,
0.7920

■ 26.4140, -18.6610,
2.2910

■ 44.7760, -5.1810,
0.2830

■ 23.7450, -21.0910,
2.2770

■ 47.4450, -2.7510,
0.2970

■ 21.0760, -23.5210,
2.2630

■ 50.7010, -0.5960,
-0.2120

■ 53.6690, 2.4300,
0.0140

■ 56.9250, 4.5850,
-0.4950

■ 59.5940, 7.0150,
-0.4810

■ 62.8500, 9.1700,
-0.9900

Harmonies

Analogous

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



33.7360, -16.8720, -2.6000



35.5950, -11.9210, 1.2870



37.5960, -4.4940, 4.3540

Triad

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



35.5950, -11.9210, 1.2870



37.6810, 11.3240, 4.0280



35.0440, -3.3000, -6.2760

Complementary

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



35.5950, -11.9210, 1.2870



40.4050, 11.9210, -1.2870

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.



35.6920, 3.6230, -5.0890



35.5950, -11.9210, 1.2870



36.9860, 11.7830, 1.2150

Square

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



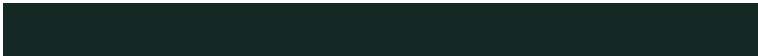
35.5950, -11.9210, 1.2870



38.1800, 8.4810, 5.9930



36.9100, 8.9410, -2.3470



34.0370, -10.5900, -6.3180

Rectangle

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



35.5950, -11.9210, 1.2870



37.8740, 0.5950, 5.7390



36.9100, 8.9410, -2.3470



35.1260, -0.5950, -5.7390

Sweetspot

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



35.5950, -11.9210, 1.2870



60.0750, -4.5850, 0.4950



41.7440, -11.3230, -9.5550



29.4450, -2.7510, 0.2970



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



35.5950, -11.9210, 1.2870



42.3000, -18.3400, 1.9800



27.9640, -8.3460, 8.0860



23.9290, -1.2380, 0.4100



36.5610, -40.9440, 4.1440



88.7210, -99.6320, 10.4800

Inverse Universe

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



34.2560, 11.3230, 9.5550



40.2400, 17.4200, 14.7000



48.0360, 8.3460, -8.0860



24.0110, 1.4670, 0.9470



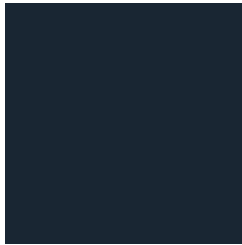
31.7410, 38.5990, 32.8630



77.3090, 94.3430, 79.9030

Previews

White Background



This preview shows how the YIQ color 35.5950, -11.9210, 1.2870 looks on a white background.

Color Contrast Check

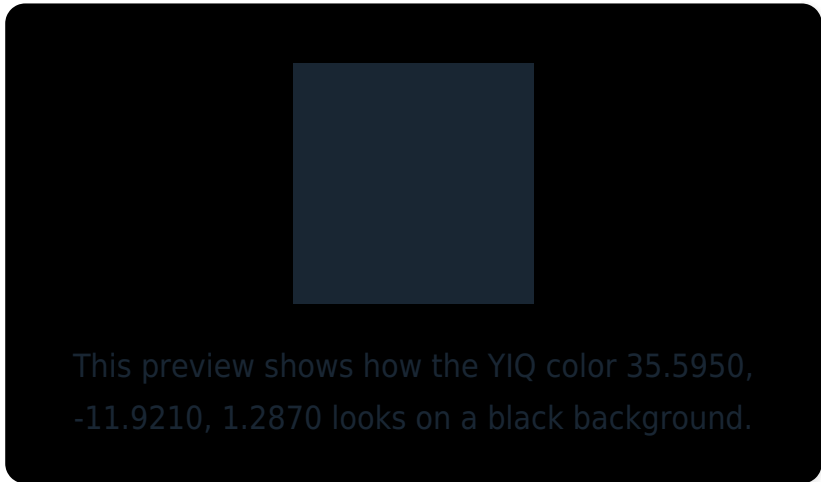
Large Text (above 18pt) WCAG AA ✓ Pass

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

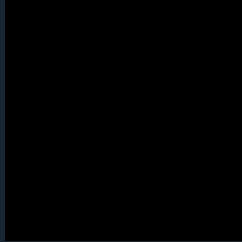
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.5950, -11.9210, 1.2870

Background



This preview shows how black text looks on a background with the YIQ color 35.5950, -11.9210, 1.2870.



This preview shows how white text looks on a background with the YIQ color 35.5950, -11.9210,

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

35.5950, -11.9210, 1.2870

Protanopia

36.6990, -6.2820, 3.7180

Deuteranopia

36.5140, -7.1990, 3.8170



Tritanopia

34.9600, -11.6910, -2.8830

Trichromacy



Original Color

35.5950, -11.9210, 1.2870

Protanomaly

36.3890, -8.3450, 2.5590

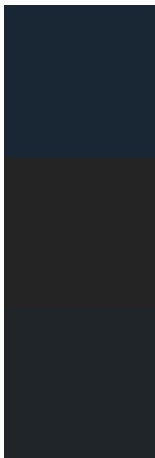
Deuteranomaly

36.2040, -9.2620, 2.6580

Tritanomaly

35.0140, -11.7830, -1.2150

Monochromacy



Original Color

35.5950, -11.9210, 1.2870

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.5950, -11.9210, 1.2870 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(25, 38, 51)` looks like.

```
.text, #text, p{  
    color:rgb(25, 38, 51)  
}
```

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(25, 38, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 38, 51) }
```

Border

The CSS property to change the border of an element to YIQ 35.5950, -11.9210, 1.2870 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(25, 38, 51) }
```


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

```
.border{ border-color:rgb(25, 38, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 38, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 38, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 38, 51);  
box-shadow:4px 4px 4px 4px rgb(25, 38, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.5950, -11.9210, 1.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 38, 51) }
```

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

```
.background{ background-color: rgb(25, 38,  
51) }
```

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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