

Converting Colors

YIQ(94.1950, -31.4060, -3.5180)

Have a look what the booklet for
YIQ(94.1950, -31.4060, -3.5180)
contains.

YIQ(94.1950, -31.4060, -3.5180)	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(94.1950, -31.4060,
-3.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	3E697B
RGB	62, 105, 123
RGB Percent	24%, 41%, 48%
CMY	0.7569, 0.5882, 0.5178
CMYK	0.50, 0.15, 0.00, 0.52
HSL	198°, 33%, 36%
HSV	198°, 50%, 48%
XYZ	10.6115, 12.5594, 20.5922
YIQ	94.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

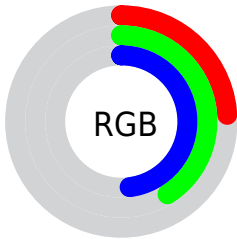
Format	Color
R_{YB}	62, 87, 123
Decimal	4090235
CIE _{Lab}	42.09, -9.64, -14.64
CIE _{LCh}	42, 17.529, 236.651
Yxy	12.5594, 0.2425, 0.2870
Android (android.graphics.Color)	4282280315 (0xFF3E697B)
YUV	94.1950, 14.2009, -28.2350
Hunter-Lab	35.4392, -8.5707, -9.6434

Details

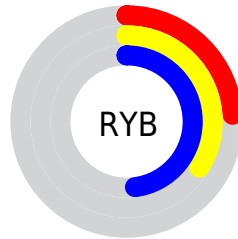
The YIQ color **94.1950, -31.4060, -3.5180** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.8050, 31.4060, 3.5180**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3090, -31.7270, -3.2070**, and **43.9770, -36.7240, -6.2600** is the 20% darker color. If you saturate the color by 10%, you get **88.2590, -37.4580, -3.9700**, and if you desaturate by 10%, it is **100.1310, -25.3540, -3.0660**.

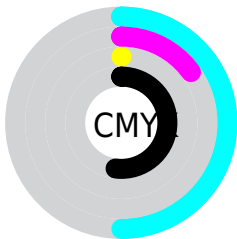
Distribution



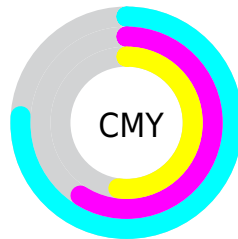
- Red (24%)
- Green (41%)
- Blue (48%)



- Red (24%)
- Yellow (34%)
- Blue (48%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.1950, -31.4060, -3.5180 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 94.1950, -31.4060, -3.5180 by changing the saturation by 10% instead.

■ 94.1950, -31.4060,
-3.5180

■ 94.1950, -31.4060,
-3.5180

■ 255.0000, -0.0000,
-0.0000

■ 69.4830, -32.2770,
-4.2530

■ 145.3090,
-31.7270, -3.2070

■ 43.9770, -36.7240,
-6.2600

■ 172.4230,
-32.0480, -2.8960

■ 27.0600, -26.5920,
-2.6560

■ 200.1240,
-32.6440, -3.1080

■ 12.3390, -14.0760,
1.7960

■ 227.6680,
-31.3600, -4.3520

■ 0.2280, -0.6420,
0.6220

■ 245.4320,
-19.0720, -6.7840

■ 0.0000, 0.0000,
0.0000

■ 254.1030, -1.7880,

-0.6360

■ 94.1950, -31.4060,
-3.5180

■ 94.1950, -31.4060,
-3.5180

■ 88.2590, -37.4580,
-3.9700

■ 100.1310,
-25.3540, -3.0660

■ 82.6110, -44.3810,
-5.1570

■ 105.7790,
-18.4310, -1.8790

■ 76.6750, -50.4330,
-5.6090

■ 111.7150,
-12.3790, -1.4270

■ 71.3260, -56.7600,
-6.5840

■ 117.0640, -6.0520,
-0.4520

■ 65.0910, -63.4080,
-7.2480

■ 123.0000, -0.0000,
-0.0000

■ 129.2350, 6.6480,
0.6640

■ 134.5840, 12.9750,
1.6390

■ 140.5200, 19.0270,
2.0910

■ 146.7550, 25.6750,
2.7550

Harmonies

Analogous

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



92.3210, -32.0010, -9.2570



94.1950, -31.4060, -3.5180



97.5000, -21.7790, 3.7330

Triad

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



94.1950, -31.4060, -3.5180



101.5450, 17.8790, 11.8870



96.9000, 5.7330, -10.2910

Complementary

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



94.1950, -31.4060, -3.5180



90.8050, 31.4060, 3.5180

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.



98.8090, 16.4150, -5.6410



94.1950, -31.4060, -3.5180



101.0200, 23.6110, 7.1230

Square

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



94.1950, -31.4060, -3.5180



101.7980, 6.9210, 12.2410



100.0320, 23.3370, 1.0730



95.6040, -8.1130, -12.6650

Rectangle

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



94.1950, -31.4060, -3.5180



99.8110, -12.2890, 7.9590



100.0320, 23.3370, 1.0730



97.9930, 9.9050, -8.8070

Sweetspot

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



94.1950, -31.4060, -3.5180



149.7150, -12.3790, -1.4270



99.7450, -22.2320, -26.6160



74.5800, -7.5650, -0.5650



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



94.1950, -31.4060, -3.5180



114.9740, -49.8370, -5.3970



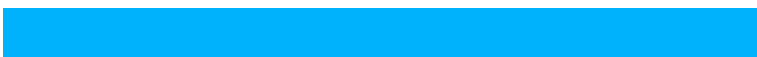
76.5850, -23.1560, 12.1720



58.0320, -3.0260, -0.2260



65.9060, -64.3250, -7.1490



133.2140, -129.8420, -14.7220

Inverse Universe

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



85.1410, 22.5530, 26.3050



100.7550, 35.9840, 41.7120



108.4150, 23.1560, -12.1720



57.2500, 2.2920, 2.5160



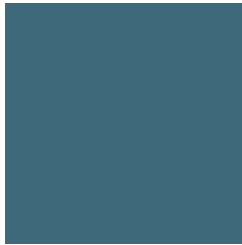
47.4070, 46.2520, 53.8680



95.6400, 93.0540, 108.7820

Previews

White Background



This preview shows how the YIQ color 94.1950, -31.4060, -3.5180 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 94.1950, -31.4060, -3.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

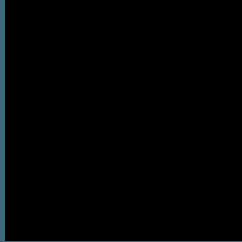
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.1950, -31.4060, -3.5180

Background



This preview shows how black text looks on a background with the YIQ color 94.1950, -31.4060, -3.5180.



This preview shows how white text looks on a background with the YIQ color 94.1950, -31.4060,

-3.5180.

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

94.1950, -31.4060, -3.5180

Protanopia

99.3830, -8.2080, 5.5840

Deuteranopia

99.5940, -10.1800, 8.2840



Tritanopia

92.9730, -30.9010, -7.1650

Trichromacy



Original Color

94.1950, -31.4060, -3.5180

Protanomaly

97.7840, -16.8270, 2.0930

Deuteranomaly

97.6530, -17.8360, 3.8600

Tritanomaly

93.6140, -31.2680, -6.0200

Monochromacy



Original Color

94.1950, -31.4060, -3.5180

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.1950, -31.4060, -3.5180 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(62, 105, 123)` looks like.

```
.text, #text, p{  
    color:rgb(62, 105, 123)  
}
```

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(62, 105, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 105, 123) }
```

Border

The CSS property to change the border of an element to YIQ 94.1950, -31.4060, -3.5180 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(62, 105, 123) }
```


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

```
.border{ border-color:rgb(62, 105, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 105, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 105, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 105, 123);  
box-shadow:4px 4px 4px 4px rgb(62, 105,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 94.1950, -31.4060, -3.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 105, 123) }
```

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

```
.background{ background-color: rgb(62, 105,  
123) }
```

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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