

Converting Colors

YIQ(162.6550, -12.1500,
-0.0700)

Have a look what the booklet for
YIQ(162.6550, -12.1500, -0.0700)
contains.

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Color

**YIQ(162.6550, -12.1500,
-0.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	97A6B0
RGB	151, 166, 176
RGB Percent	59%, 65%, 69%
CMY	0.4079, 0.3490, 0.3099
CMYK	0.14, 0.06, 0.00, 0.31
HSL	204°, 14%, 64%
HSV	204°, 14%, 69%
XYZ	34.2335, 36.9874, 46.4019
YIQ	162.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

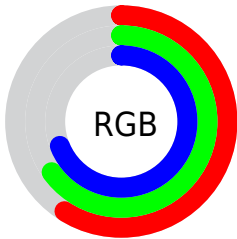
Format	Color
RYB	151, 160, 176
Decimal	9938608
CIELab	67.27, -3.16, -6.94
CIELCh	67, 7.629, 245.490
Yxy	36.9874, 0.2910, 0.3145
Android (android.graphics.Color)	4288128688 (0xFF97A6B0)
YUV	162.6550, 6.5791, -10.2214
Hunter-Lab	60.8172, -5.9539, -2.6646

Details

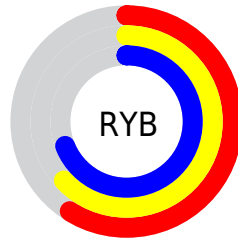
The YIQ color $162.6550, -12.1500, -0.0700$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $164.3450, 12.1500, 0.0700$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $217.4700, -13.0670, 0.0290$, and $110.9540, -11.5540, 0.1420$ is the 20% darker color. If you saturate the color by 10%, you get $153.1640, -20.9530, -0.2250$, and if you desaturate by 10%, it is $172.1460, -3.3470, 0.0850$.

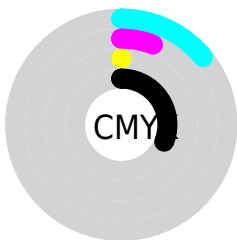
Distribution



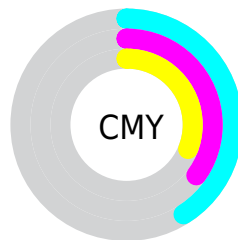
- Red (59%)
- Green (65%)
- Blue (69%)



- Red (59%)
- Yellow (63%)
- Blue (69%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.6550, -12.1500, -0.0700 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 162.6550, -12.1500, -0.0700 by changing the saturation by 10% instead.

■ 162.6550,
-12.1500, -0.0700

■ 162.6550,
-12.1500, -0.0700

■ 255.0000, -0.0000,
-0.0000

■ 136.5410,
-11.8290, -0.3810

■ 217.4700,
-13.0670, 0.0290

■ 110.9540,
-11.5540, 0.1420

■ 245.7860,
-11.1410, -1.8370

■ 86.8400, -11.2330,
-0.1690

■ 63.1390, -10.6370,
0.0430

■ 41.0250, -10.3160,
-0.2680

■ 20.3130, -11.1870,
-1.0030

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 162.6550,
-12.1500, -0.0700

■ 162.6550,
-12.1500, -0.0700

■ 153.1640,
-20.9530, -0.2250

■ 172.1460, -3.3470,
0.0850

■ 143.9720,
-29.1600, -0.1680

■ 181.3380, 4.8600,
0.0280

■ 134.4810,
-37.9630, -0.3230

■ 190.8290, 13.6630,
0.1830

■ 125.2890,
-46.1700, -0.2660

■ 200.0210, 21.8700,
0.1260

■ 115.7980,
-54.9730, -0.4210

■ 209.5120, 30.6730,
0.2810

■ 106.3070,
-63.7760, -0.5760

■ 218.4050, 38.2840,
0.0120

■ 97.1150, -71.9830,
-0.5190

■ 222.5140, 36.3590,
-3.6490

■ 87.6240, -80.7860,
-0.6740

■ 226.6230, 34.4340,
-7.3100

■ 82.2860, -85.6460,
-0.7020

■ 230.7320, 32.5090,
-10.9710

Harmonies

Analogous

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



161.4760, -13.2040, -2.9960



162.6550, -12.1500, -0.0700



163.6880, -7.7490, 2.7710

Triad

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



162.6550, -12.1500, -0.0700



165.1370, 10.0400, 5.2720



162.6100, 0.9180, -5.6260

Complementary

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



162.6550, -12.1500, -0.0700



164.3450, 12.1500, 0.0700

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.



163.6000, 6.8780, -3.5060



162.6550, -12.1500, -0.0700



165.2250, 12.6080, 2.7840

Square

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



162.6550, -12.1500, -0.0700



165.3260, 5.1340, 6.0780



164.0460, 11.5540, -0.1420



161.7880, -5.4550, -5.7670

Rectangle

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



162.6550, -12.1500, -0.0700



164.1940, -3.3020, 4.7780



164.0460, 11.5540, -0.1420



162.8060, 3.3020, -4.7780

Sweetspot

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



162.6550, -12.1500, -0.0700



224.6620, -4.8600, -0.0280



166.8150, -10.0850, -9.9650



111.4450, -2.7510, 0.2970



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



162.6550, -12.1500, -0.0700



208.6480, -19.4400, -0.1120



155.6110, -8.8500, 6.2060



84.5480, -4.5390, -0.3390



71.4460, -74.4130, -0.5330



11.7690, -12.4710, 0.2410

Inverse Universe

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



160.1850, 10.0850, 9.9650



204.6960, 16.1360, 15.9440



171.3890, 8.8500, -6.2060



83.3750, 3.4380, 3.7740



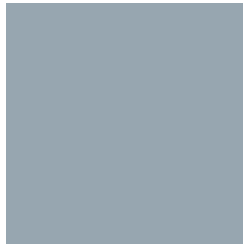
56.2350, 61.6560, 61.0480



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 162.6550, -12.1500, -0.0700 looks on a white 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

Black Background



This preview shows how the YIQ color 162.6550, -12.1500, -0.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

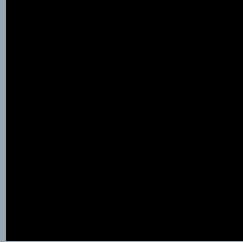
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

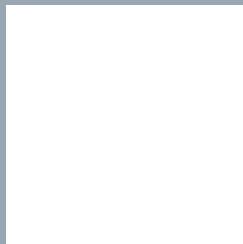
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 162.6550, -12.1500, -0.0700

Background



This preview shows how black text looks on a background with the YIQ color 162.6550, -12.1500, -0.0700.



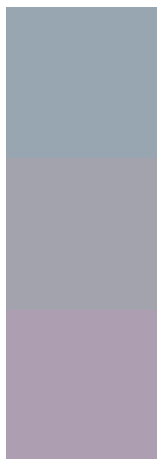
This preview shows how white text looks on a background with the YIQ color 162.6550, -12.1500, -0.0700.

-0.0700.

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

162.6550, -12.1500, -0.0700

Protanopia

164.2540, -3.5310, 3.4210

Deuteranopia

165.2380, 2.5660, 8.5660



Tritanopia

162.9970, -13.1130, 0.8630

Trichromacy



Original Color

162.6550, -12.1500, -0.0700

Protanomaly

163.7590, -6.5110, 2.3610

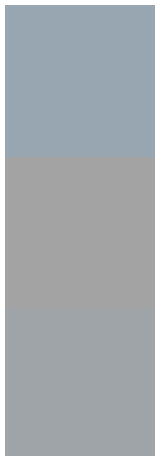
Deuteranomaly

164.6070, -3.0270, 5.3010

Tritanomaly

162.8830, -12.7920, 0.5520

Monochromacy



Original Color

162.6550, -12.1500, -0.0700

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.6550, -12.1500, -0.0700 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(151, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 176)  
}
```

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(151, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 176) }
```

Border

The CSS property to change the border of an element to YIQ 162.6550, -12.1500, -0.0700 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(151, 166, 176) }
```


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

```
.border{ border-color:rgb(151, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(151, 166,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 162.6550, -12.1500, -0.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 176) }
```

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

```
.background{ background-color: rgb(151,  
166, 176) }
```

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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