

Converting Colors

YIQ(163.6920, -22.7400,
-6.3880)

Have a look what the booklet for
YIQ(163.6920, -22.7400, -6.3880)
contains.

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Color

**YIQ(163.6920, -22.7400,
-6.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAEB2
RGB	138, 174, 178
RGB Percent	54%, 68%, 70%
CMY	0.4589, 0.3176, 0.3020
CMYK	0.22, 0.02, 0.00, 0.30
HSL	186°, 21%, 62%
HSV	186°, 22%, 70%
XYZ	33.6502, 38.8928, 47.8405
YIQ	163.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

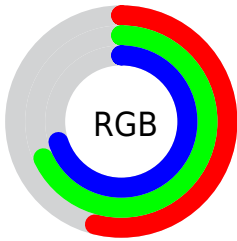
Format	Color
RYB	138, 157, 178
Decimal	9088690
CIELab	68.67, -11.26, -6.06
CIElCh	69, 12.784, 208.283
Yxy	38.8928, 0.2795, 0.3231
Android (android.graphics.Color)	4287278770 (0xFF8AAEB2)
YUV	163.6920, 7.0538, -22.5319
Hunter-Lab	62.3641, -12.8228, -1.8274

Details

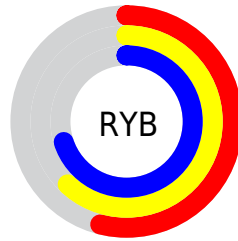
The YIQ color **163.6920, -22.7400, -6.3880** is a light color, and the websafe version is hex **669999**. A complement of this color would be **152.3080, 22.7400, 6.3880**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.0940, -23.9320, -6.8120**, and **111.8770, -21.8230, -6.4870** is the 20% darker color. If you saturate the color by 10%, you get **157.1360, -32.9180, -9.1580**, and if you desaturate by 10%, it is **170.2480, -12.5620, -3.6180**.

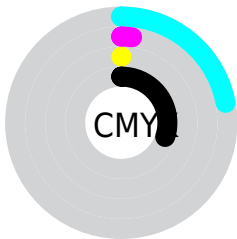
Distribution



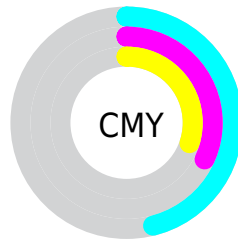
- Red (54%)
- Green (68%)
- Blue (70%)



- Red (54%)
- Yellow (62%)
- Blue (70%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (46%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.6920, -22.7400, -6.3880 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 163.6920, -22.7400, -6.3880 by changing the saturation by 10% instead.

■ 163.6920,
-22.7400, -6.3880

■ 163.6920,
-22.7400, -6.3880

■ 255.0000, -0.0000,
-0.0000

■ 136.9910,
-22.1440, -6.1760

■ 219.0940,
-23.9320, -6.8120

■ 111.8770,
-21.8230, -6.4870

■ 244.5350,
-20.8600, -7.4200

■ 87.1760, -21.2270,
-6.2750

■ 253.2060, -3.5760,
-1.2720

■ 63.2900, -21.5480,
-5.9640

■ 39.9910, -22.1440,
-6.1760

■ 20.7850, -18.5680,
-4.9040

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 163.6920,
-22.7400, -6.3880

■ 163.6920,
-22.7400, -6.3880

■ 157.1360,
-32.9180, -9.1580

■ 170.2480,
-12.5620, -3.6180

■ 150.5800,
-43.0960, -11.9280

■ 176.8040, -2.3840,
-0.8480

■ 144.9100,
-52.9530, -15.0090

■ 182.4740, 7.4730,
2.2330

■ 138.3540,
-63.1310, -17.7790

■ 189.0300, 17.6510,
5.0030

■ 131.7980,
-73.3090, -20.5490

■ 195.5860, 27.8290,
7.7730

■ 125.2420,
-83.4870, -23.3190

■ 202.1420, 38.0070,
10.5430

■ 119.2730,
-93.9400, -26.6120

■ 205.7190, 43.6920,
12.1400

■ 114.2120,
-101.1380, -28.3220

■ 206.8930, 43.1420,
11.0940

■ 208.0670, 42.5920,
10.0480

Harmonies

Analogous

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



163.5200, -16.5040, -9.2720



163.6920, -22.7400, -6.3880



165.0390, -22.0990, -1.4830

Triad

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



163.6920, -22.7400, -6.3880



169.4450, 6.4170, 10.3610



167.1940, 13.8930, -3.9870

Complementary

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



163.6920, -22.7400, -6.3880



152.3080, 22.7400, 6.3880

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.



168.7650, 19.7150, 0.6350



163.6920, -22.7400, -6.3880



169.9960, 14.9910, 9.1590

Square

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



163.6920, -22.7400, -6.3880



168.8180, -4.9990, 8.0010



169.2260, 20.0350, 5.8510



165.8830, 4.4030, -8.2130

Rectangle

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



163.6920, -22.7400, -6.3880



166.3000, -18.3400, 1.9800



169.2260, 20.0350, 5.8510



167.5040, 15.9560, -2.8280

Sweetspot

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



163.6920, -22.7400, -6.3880



226.0420, -8.9860, -2.3460



161.8220, -11.9630, -19.9870



113.7220, -5.0890, -1.3850



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



163.6920, -22.7400, -6.3880



209.6410, -35.8980, -10.2180



152.5390, -17.5150, 3.5490



85.7220, -5.0890, -1.3850



98.4480, -87.0630, -24.5910



16.4650, -14.6710, -3.9430

Inverse Universe

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



154.0640, 12.2840, 19.6760



194.3350, 19.2510, 31.0830



163.4610, 17.5150, -3.5490



83.6030, 2.7960, 4.3960



61.4790, 46.8900, 75.3540



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 163.6920, -22.7400, -6.3880 looks on a white background.

Color Contrast Check

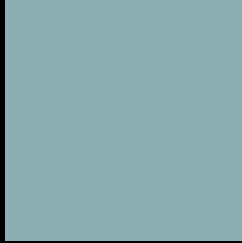
Large Text (above 18pt) WCAG AA × Fail

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 163.6920, -22.7400, -6.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

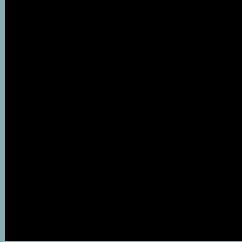
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.6920, -22.7400, -6.3880

Background



This preview shows how black text looks on a background with the YIQ color 163.6920, -22.7400, -6.3880.



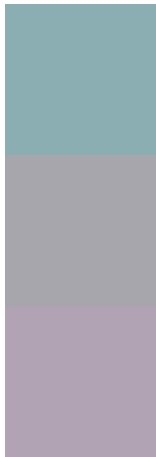
This preview shows how white text looks on a background with the YIQ color 163.6920, -22.7400, -6.3880.

-6.3880.

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

163.6920, -22.7400, -6.3880

Protanopia

167.3960, -1.0550, 2.6010

Deuteranopia

168.5370, 3.1620, 8.7780



Tritanopia

164.6150, -23.8410, -2.9530

Trichromacy



Original Color

163.6920, -22.7400, -6.3880

Protanomaly

166.0960, -9.0780, -0.6780

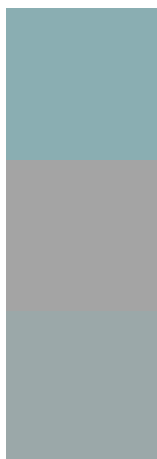
Deuteranomaly

166.5850, -5.9610, 3.4070

Tritanomaly

163.9740, -23.4740, -4.0980

Monochromacy



Original Color

163.6920, -22.7400, -6.3880

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.6920, -22.7400, -6.3880 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(138, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(138, 174, 178)  
}
```

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(138, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 174, 178) }
```

Border

The CSS property to change the border of an element to YIQ 163.6920, -22.7400, -6.3880 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(138, 174, 178) }
```


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

```
.border{ border-color:rgb(138, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(138, 174,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 163.6920, -22.7400, -6.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 174, 178) }
```

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

```
.background{ background-color: rgb(138,  
174, 178) }
```

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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