

Converting Colors

YIQ(160.3210, -22.8330, 0.8070)

Have a look what the booklet for
YIQ(160.3210, -22.8330, 0.8070)
contains.

YIQ(160.3210, -22.8330, 0.8070)	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(160.3210, -22.8330,
0.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA6BB
RGB	139, 166, 187
RGB Percent	55%, 65%, 73%
CMY	0.4549, 0.3490, 0.2668
CMYK	0.26, 0.11, 0.00, 0.27
HSL	206°, 26%, 64%
HSV	206°, 26%, 73%
XYZ	33.2503, 36.3511, 52.2624
YIQ	160.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

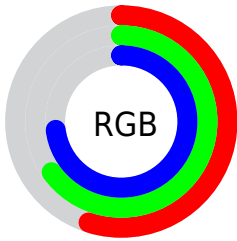
Format	Color
R_{YB}	139, 156, 187
Decimal	9152187
CIE Lab	66.79, -4.53, -13.86
CIE LCh	67, 14.579, 251.881
Yxy	36.3511, 0.2728, 0.2983
Android (android.graphics.Color)	4287342267 (0xFF8BA6BB)
YUV	160.3210, 13.1527, -18.6985
Hunter-Lab	60.2919, -7.0701, -9.1896

Details

The YIQ color **160.3210, -22.8330, 0.8070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.6790, 22.8330, -0.8070**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1360, -23.7500, 0.9060**, and **108.5060, -21.9160, 0.7080** is the 20% darker color. If you saturate the color by 10%, you get **149.9440, -31.9570, 0.9630**, and if you desaturate by 10%, it is **170.6980, -13.7090, 0.6510**.

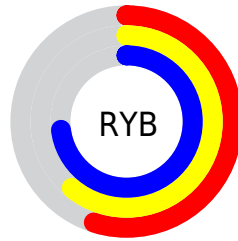
Distribution



Red (55%)

Green (65%)

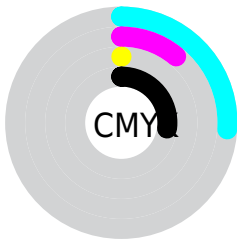
Blue (73%)



Red (55%)

Yellow (61%)

Blue (73%)

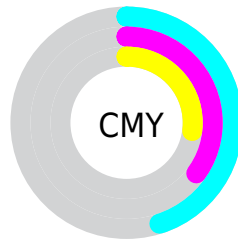


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3210, -22.8330, 0.8070 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 160.3210, -22.8330, 0.8070 by changing the saturation by 10% instead.

■ 160.3210,
-22.8330, 0.8070

■ 160.3210,
-22.8330, 0.8070

■ 255.0000, -0.0000,
-0.0000

■ 134.2070,
-22.5120, 0.4960

■ 215.1360,
-23.7500, 0.9060

■ 108.5060,
-21.9160, 0.7080

■ 241.8990,
-18.8890, -4.5930

■ 83.9790, -21.8700,
-0.1260

■ 253.5050, -2.9800,
-1.0600

■ 59.9790, -21.8700,
-0.1260

■ 37.2670, -22.7410,
-0.8610

■ 18.5340, -19.1190,
-0.4230

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 160.3210,
-22.8330, 0.8070

■ 160.3210,
-22.8330, 0.8070

■ 149.9440,
-31.9570, 0.9630

■ 170.6980,
-13.7090, 0.6510

■ 139.8660,
-40.4850, 1.3310

■ 180.7760, -5.1810,
0.2830

■ 129.4890,
-49.6090, 1.4870

■ 191.7400, 3.6680,
-0.3960

■ 118.5250,
-58.4580, 2.1660

■ 202.1170, 12.7920,
-0.5520

■ 108.4470,
-66.9860, 2.5340

■ 212.1950, 21.3200,
-0.9200

■ 98.0700, -76.1100,
2.6900

■ 222.5720, 30.4440,
-1.0760

■ 87.6930, -85.2340,
2.8460

■ 228.4640, 30.6280,
-4.4120

■ 82.9530, -88.9020,
3.2420

■ 233.1600, 28.4280,
-8.5960

■ 238.4430, 25.9530,
-13.3030

Harmonies

Analogous

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



158.1800, -27.0500, -5.3700



160.3210, -22.8330, 0.8070



162.8710, -12.5180, 6.6020

Triad

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



160.3210, -22.8330, 0.8070



164.6330, 20.4470, 9.3990



159.7790, -1.2360, -10.6440

Complementary

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



160.3210, -22.8330, 0.8070



165.6790, 22.8330, -0.8070

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.



161.2320, 10.7300, -7.2380



160.3210, -22.8330, 0.8070



164.1400, 23.1530, 4.4090

Square

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



160.3210, -22.8330, 0.8070



164.9080, 12.4230, 11.6470



162.8850, 19.2570, -2.0790



158.9070, -13.3400, -11.5480

Rectangle

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



160.3210, -22.8330, 0.8070



164.0570, -4.1740, 9.5700



162.8850, 19.2570, -2.0790



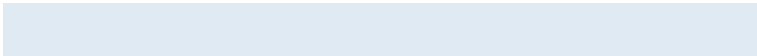
160.6440, 3.5780, -9.7820

Sweetspot

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



160.3210, -22.8330, 0.8070



231.6230, -9.1240, 0.1560



169.5700, -19.9410, -18.5730



115.4770, -5.7770, 0.0710



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



160.3210, -22.8330, 0.8070



200.2040, -35.6250, 1.3590



146.2330, -16.2330, 13.3590



88.9610, -4.2640, 0.1840



70.2550, -75.1930, 2.5910



13.5130, -14.6260, 0.7500

Inverse Universe

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



156.4300, 19.9410, 18.5730



194.2130, 31.2180, 28.9620



179.7670, 16.2330, -13.3590



88.2610, 3.7590, 3.4630



57.3880, 65.5990, 61.1750



11.2070, 13.0190, 11.8590

Previews

White Background



This preview shows how the YIQ color 160.3210, -22.8330, 0.8070 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 160.3210, -22.8330, 0.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

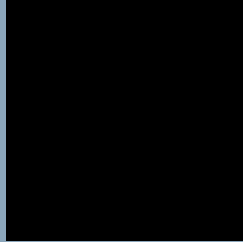
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

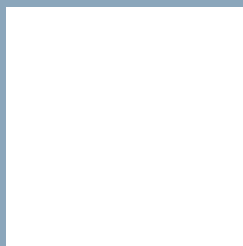
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 160.3210, -22.8330, 0.8070

Background



This preview shows how black text looks on a background with the YIQ color 160.3210, -22.8330, 0.8070.



This preview shows how white text looks on a background with the YIQ color 160.3210, -22.8330,

0.8070.

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

160.3210, -22.8330, 0.8070

Protanopia

163.0240, -8.5750, 6.7290

Deuteranopia

163.6270, -5.7790, 11.1250



Tritanopia

159.8110, -21.4570, -2.1050

Trichromacy



Original Color

160.3210, -22.8330, 0.8070

Protanomaly

162.2190, -13.6180, 4.5100

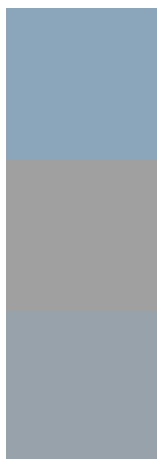
Deuteranomaly

162.5830, -11.6470, 7.3370

Tritanomaly

160.1530, -22.4200, -1.1720

Monochromacy



Original Color

160.3210, -22.8330, 0.8070

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.9220, -8.5280, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.3210, -22.8330, 0.8070 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(139, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 187)  
}
```

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(139, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 187) }
```

Border

The CSS property to change the border of an element to YIQ 160.3210, -22.8330, 0.8070 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(139, 166, 187) }
```


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

```
.border{ border-color:rgb(139, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 160.3210, -22.8330, 0.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 187) }
```

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

```
.background{ background-color: rgb(139,  
166, 187) }
```

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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