

Converting Colors

YIQ(162.8280, 6.2360, -2.8840)

Have a look what the booklet for
YIQ(162.8280, 6.2360, -2.8840)
contains.

YIQ(162.8280, 6.2360, -2.8840)	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(162.8280, 6.2360,
-2.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A397
RGB	167, 163, 151
RGB Percent	65%, 64%, 59%
CMY	0.3451, 0.3608, 0.4078
CMYK	0.00, 0.02, 0.10, 0.35
HSL	45°, 8%, 62%
HSV	45°, 10%, 65%
XYZ	34.6200, 36.6440, 34.5302
YIQ	162.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

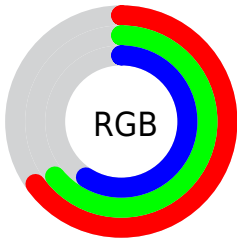
Format	Color
RYB	156, 167, 151
Decimal	10986391
CIELab	67.01, -0.72, 6.73
CIElCh	67, 6.769, 96.082
Yxy	36.6440, 0.3272, 0.3464
Android (android.graphics.Color)	4289176471 (0xFFA7A397)
YUV	162.8280, -5.8312, 3.6588
Hunter-Lab	60.5343, -3.8496, 8.5536

Details

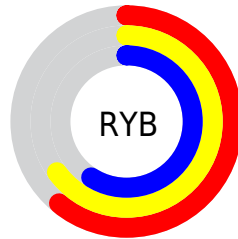
The YIQ color **162.8280, 6.2360, -2.8840** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.1720, -6.2360, 2.8840**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.7140, 6.5570, -3.1950**, and **110.9420, 5.9150, -2.5730** is the 20% darker color. If you saturate the color by 10%, you get **158.5420, 12.7930, -6.0790**, and if you desaturate by 10%, it is **167.1140, -0.3210, 0.3110**.

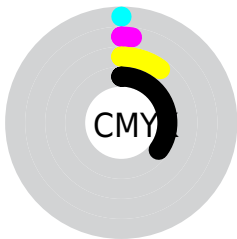
Distribution



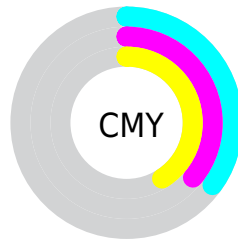
- Red (65%)
- Green (64%)
- Blue (59%)



- Red (61%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.8280, 6.2360, -2.8840 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 162.8280, 6.2360, -2.8840 by changing the saturation by 10% instead.

■ 162.8280, 6.2360,
-2.8840

■ 162.8280, 6.2360,
-2.8840

255.0000, -0.0000,
-0.0000

■ 136.8280, 6.2360,
-2.8840

■ 217.7140, 6.5570,
-3.1950

■ 110.9420, 5.9150,
-2.5730

■ 246.0130, 7.1530,
-2.9830

■ 86.6430, 5.3190,
-2.7850

■ 63.7570, 4.9980,
-2.4740

■ 41.7570, 4.9980,
-2.4740

■ 20.8280, 6.2360,
-2.8840

■ 0.0000, 0.0000,

0.0000

■ 162.8280, 6.2360,
-2.8840

■ 162.8280, 6.2360,
-2.8840

■ 158.5420, 12.7930,
-6.0790

■ 167.1140, -0.3210,
0.3110

■ 154.3700, 19.0290,
-8.9630

■ 171.2860, -6.5570,
3.1950

■ 149.4970, 25.8610,
-11.6350

■ 176.1590,
-13.3890, 5.8670

■ 145.2110, 32.4180,
-14.8300

■ 180.4450,
-19.9460, 9.0620

■ 141.0390, 38.6540,
-17.7140

■ 184.7310,
-26.5030, 12.2570

■ 136.7530, 45.2110,
-20.9090

■ 188.9030,
-32.7390, 15.1410

■ 132.4670, 51.7680,
-24.1040

■ 191.7070,
-35.1230, 14.2930

■ 128.1810, 58.3250,
-27.2990

■ 194.0550,
-36.2230, 12.2010

■ 123.4220, 64.8360,
-29.6600

■ 196.9900,
-37.5980, 9.5860

Harmonies

Analogous

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



163.5620, 10.0410, -0.2550



162.8280, 6.2360, -2.8840



162.1370, 0.8720, -4.7920

Triad

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



162.8280, 6.2360, -2.8840



161.3730, -11.4160, -2.3600



164.5000, 4.5840, 5.0320

Complementary

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



162.8280, 6.2360, -2.8840



155.1720, -6.2360, 2.8840

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.



163.8630, -0.8720, 4.7920



162.8280, 6.2360, -2.8840



162.1390, -10.6370, 0.0430

Square

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



162.8280, 6.2360, -2.8840



161.2760, -9.7650, -4.7490



162.8730, -6.8320, 2.6720



164.4250, 9.1690, 4.5370

Rectangle

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



162.8280, 6.2360, -2.8840



161.5710, -3.3460, -5.4420



162.8730, -6.8320, 2.6720



164.1300, 2.7500, 5.2300

Sweetspot

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



162.8280, 6.2360, -2.8840



215.0280, 2.7970, -1.1310



156.2400, 8.2520, 4.6360



108.8430, 1.8800, -1.0320



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



162.8280, 6.2360, -2.8840



210.7420, 9.3540, -4.3260



163.9800, 2.7520, -5.8240



81.9140, 3.1180, -1.4420



109.4090, 57.6830, -26.6770



14.7850, 7.7950, -3.6050

Inverse Universe

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



155.1720, -6.2360, 2.8840



199.2580, -9.3540, 4.3260



154.0200, -2.7520, 5.8240



78.0860, -3.1180, 1.4420



38.5910, -57.6830, 26.6770



5.2150, -7.7950, 3.6050

Previews

White Background



This preview shows how the YIQ color 162.8280, 6.2360, -2.8840 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 162.8280, 6.2360, -2.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

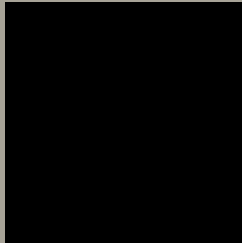
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.8280, 6.2360, -2.8840

Background



This preview shows how black text looks on a background with the YIQ color 162.8280, 6.2360, -2.8840.



This preview shows how white text looks on a background with the YIQ color 162.8280, 6.2360,

-2.8840.

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

162.8280, 6.2360, -2.8840

Protanopia

162.8390, 7.7030, -1.9370

Deuteranopia

164.2040, 17.1010, 3.9570



Tritanopia

164.3580, 2.1080, 5.8520

Trichromacy



Original Color

162.8280, 6.2360, -2.8840

Protanomaly

162.5400, 7.1070, -2.1490

Deuteranomaly

163.5840, 12.9750, 1.6390

Tritanomaly

163.7340, 3.8050, 2.6290

Monochromacy



Original Color

162.8280, 6.2360, -2.8840

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.8280, 6.2360, -2.8840 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(167, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 163, 151)  
}
```

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(167, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 151) }
```

Border

The CSS property to change the border of an element to YIQ 162.8280, 6.2360, -2.8840 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(167, 163, 151) }
```


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

```
.border{ border-color:rgb(167, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 163,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 162.8280, 6.2360, -2.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 163, 151) }
```

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

```
.background{ background-color: rgb(167,  
163, 151) }
```

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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