

Converting Colors

YIQ(136.8320, -44.2860,
-23.4060)

Have a look what the booklet for
YIQ(136.8320, -44.2860, -23.4060)
contains.

YIQ(136.8320, -44.2860, -23.4060)	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(136.8320, -44.2860,
-23.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	50A492
RGB	80, 164, 146
RGB Percent	31%, 64%, 57%
CMY	0.6865, 0.3567, 0.4276
CMYK	0.51, 0.00, 0.11, 0.36
HSL	167°, 34%, 48%
HSV	167°, 51%, 64%
XYZ	21.7706, 30.3407, 31.8862
YIQ	136.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

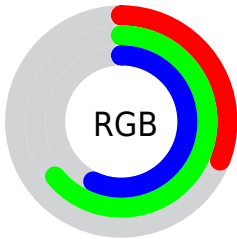
Format	Color
RYB	80, 127, 164
Decimal	5285010
CIELab	61.95, -30.05, 1.58
CIELCh	62, 30.096, 176.996
Yxy	30.3407, 0.2592, 0.3612
Android (android.graphics.Color)	4283475090 (0xFF50A492)
YUV	136.8320, 4.5198, -49.8417
Hunter-Lab	55.0824, -25.8444, 4.2358

Details

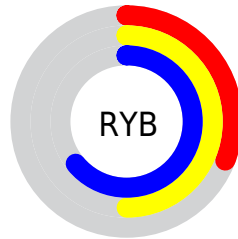
The YIQ color **136.8320, -44.2860, -23.4060** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **107.1680, 44.2860, 23.4060**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7180, -43.9650, -23.7170**, and **81.4720, -52.0800, -25.3280** is the 20% darker color. If you saturate the color by 10%, you get **131.5920, -52.5380, -28.0420**, and if you desaturate by 10%, it is **141.9580, -35.7130, -19.0810**.

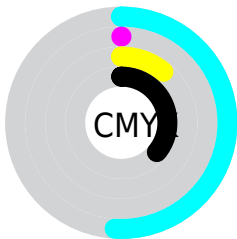
Distribution



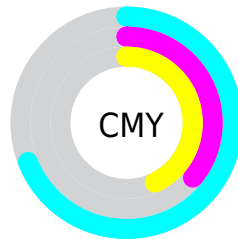
- Red (31%)
- Green (64%)
- Blue (57%)



- Red (31%)
- Yellow (50%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8320, -44.2860, -23.4060 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 136.8320, -44.2860, -23.4060 by changing the saturation by 10% instead.

■ 136.8320,
-44.2860, -23.4060

■ 136.8320,
-44.2860, -23.4060

■ 255.0000, -0.0000,
-0.0000

■ 109.3480,
-45.7990, -23.5190

■ 191.7180,
-43.9650, -23.7170

■ 81.4720, -52.0800,
-25.3280

■ 220.3050,
-44.2400, -24.2400

■ 59.2770, -47.0370,
-23.1090

■ 235.8640,
-38.1440, -13.5680

■ 42.6810, -33.3750,
-17.3990

■ 244.5350,
-20.8600, -7.4200

■ 27.3730, -20.5840,
-12.4240

■ 253.5050, -2.9800,
-1.0600

■ 7.9730, -4.5380,
-5.8660

■ 0.0000, 0.0000,

0.0000

■ 136.8320,
-44.2860, -23.4060

■ 136.8320,
-44.2860, -23.4060

■ 131.5920,
-52.5380, -28.0420

■ 141.9580,
-35.7130, -19.0810

■ 126.1670,
-61.7070, -32.5790

■ 147.4970,
-26.8650, -14.2330

■ 120.9270,
-69.9590, -37.2150

■ 152.7370,
-18.6130, -9.5970

■ 115.5020,
-79.1280, -41.7520

■ 158.1620, -9.4440,
-5.0600

■ 110.9740,
-86.5090, -45.6530

■ 163.4020, -1.1920,
-0.4240

■ 168.5280, 7.3810,
3.9010

■ 174.0670, 16.2290,
8.7490

■ 179.1930, 24.8020,
13.0740

■ 184.7320, 33.6500,
17.9220

Harmonies

Analogous

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



141.6750, -16.0430, -23.1390



136.8320, -44.2860, -23.4060



133.0330, -66.6610, -19.8850

Triad

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



136.8320, -44.2860, -23.4060



151.5370, -14.0330, 17.5430



150.1990, 41.8600, 1.2840

Complementary

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



136.8320, -44.2860, -23.4060



107.1680, 44.2860, 23.4060

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.



151.7730, 43.6000, 13.8080



136.8320, -44.2860, -23.4060



153.7700, 13.2920, 23.4360

Square

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



136.8320, -44.2860, -23.4060



145.4300, -41.9530, 5.9110



153.2530, 33.7410, 21.7810



148.0630, 30.0790, -10.9850

Rectangle

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



136.8320, -44.2860, -23.4060



135.0640, -67.9460, -13.1140



153.2530, 33.7410, 21.7810



150.6170, 43.7390, 5.7790

Sweetspot

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



136.8320, -44.2860, -23.4060



203.6340, -16.8250, -8.9610



134.6900, -12.3720, -40.1160



100.8630, -10.0400, -5.2720



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



136.8320, -44.2860, -23.4060



171.0410, -70.2800, -36.9040



124.7960, -43.4640, -5.2560



79.0810, -4.7220, -2.5300



98.1110, -76.4690, -40.3810



12.1620, -9.4440, -5.0600

Inverse Universe

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



107.1680, 44.2860, 23.4060



124.0730, 69.9590, 37.2150



119.2040, 43.4640, 5.2560



75.9190, 4.7220, 2.5300



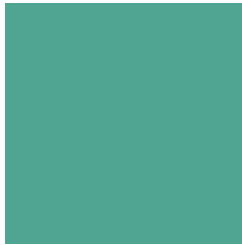
46.8890, 76.4690, 40.3810



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 136.8320, -44.2860, -23.4060 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 136.8320, -44.2860, -23.4060 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 136.8320, -44.2860, -23.4060 Background



This preview shows how black text looks on a background with the YIQ color 136.8320, -44.2860, -23.4060.



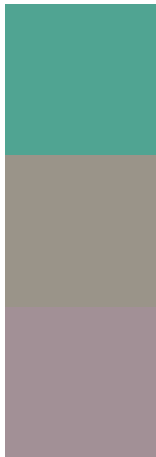
This preview shows how white text looks on a background with the YIQ color 136.8320, -44.2860, -23.4060.

-23.4060.

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

136.8320, -44.2860, -23.4060

Protanopia

148.5400, 7.1070, -2.1490

Deuteranopia

150.0660, 8.8020, 5.6820



Tritanopia

140.2530, -46.4890, -11.0090

Trichromacy



Original Color

136.8320, -44.2860, -23.4060

Protanomaly

144.3310, -11.5980, -10.0780

Deuteranomaly

145.0910, -10.6820, -4.6500

Tritanomaly

138.8030, -45.3420, -15.2780

Monochromacy



Original Color

136.8320, -44.2860, -23.4060

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9330, -16.2290, -8.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8320, -44.2860, -23.4060 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(80, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(80, 164, 146)  
}
```

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(80, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 164, 146) }
```

Border

The CSS property to change the border of an element to YIQ 136.8320, -44.2860, -23.4060 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(80, 164, 146) }
```


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

```
.border{ border-color:rgb(80, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(80, 164,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8320, -44.2860, -23.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 164, 146) }
```

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

```
.background{ background-color: rgb(80, 164,  
146) }
```

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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