

Converting Colors

YIQ(122.5060, -23.0570,
-28.1850)

Have a look what the booklet for
YIQ(122.5060, -23.0570, -28.1850)
contains.

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Color

**YIQ(122.5060, -23.0570,
-28.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	539364
RGB	83, 147, 100
RGB Percent	33%, 58%, 39%
CMY	0.6747, 0.4234, 0.6079
CMYK	0.44, 0.00, 0.32, 0.42
HSL	136°, 28%, 45%
HSV	136°, 44%, 58%
XYZ	16.3006, 23.6325, 15.7554
YIQ	122.5060, -23.0570, -28.1850

Conversions

Conversions Part 2

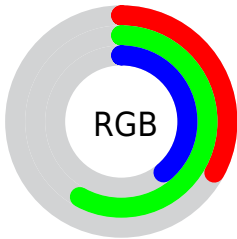
Format	Color
RYB	83, 134, 147
Decimal	5477220
CIELab	55.72, -31.33, 18.65
CIELCh	56, 36.465, 149.235
Yxy	23.6325, 0.2927, 0.4244
Android (android.graphics.Color)	4283667300 (0xFF539364)
YUV	122.5060, -11.0955, -34.6468
Hunter-Lab	48.6133, -25.2199, 14.8136

Details

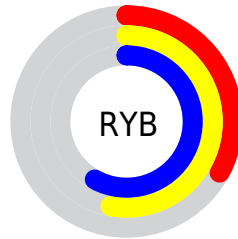
The YIQ color **122.5060, -23.0570, -28.1850** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.4940, 23.0570, 28.1850**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.8650, -22.6900, -29.3300**, and **71.3640, -25.5330, -27.3650** is the 20% darker color. If you saturate the color by 10%, you get **116.7670, -28.4660, -34.7860**, and if you desaturate by 10%, it is **128.2450, -17.6480, -21.5840**.

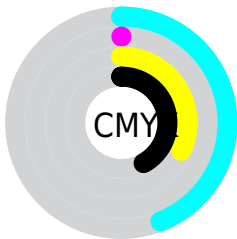
Distribution



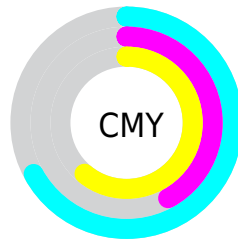
- Red (33%)
- Green (58%)
- Blue (39%)



- Red (33%)
- Yellow (53%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5060, -23.0570, -28.1850 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 122.5060, -23.0570, -28.1850 by changing the saturation by 10% instead.

■ 122.5060,
-23.0570, -28.1850

■ 122.5060,
-23.0570, -28.1850

■ 255.0000, -0.0000,
-0.0000

■ 96.7340, -23.6990,
-27.5630

■ 175.8650,
-22.6900, -29.3300

■ 71.3640, -25.5330,
-27.3650

■ 204.0390,
-23.2400, -30.3760

■ 45.7980, -29.7510,
-28.0150

■ 230.1640,
-22.0940, -29.1180

■ 29.0880, -15.7680,
-22.6160

■ 241.8420,
-14.7150, -14.1630

■ 16.4360, -7.7000,
-14.6440

■ 252.9070, -4.1720,
-1.4840

■ 0.0000, 0.0000,
0.0000

■ 122.5060,
-23.0570, -28.1850

■ 122.5060,
-23.0570, -28.1850

■ 116.7670,
-28.4660, -34.7860

■ 128.2450,
-17.6480, -21.5840

■ 111.3270,
-33.2790, -41.1750

■ 133.6850,
-12.8350, -15.1950

■ 105.7020,
-39.0090, -47.4650

■ 139.3100, -7.1050,
-8.9050

■ 99.9630, -44.4180,
-54.0660

■ 145.0490, -1.6960,
-2.3040

■ 94.2240, -49.8270,
-60.6670

■ 150.4890, 3.1170,
4.0850


■ 90.7350, -52.9440,
-64.7520

■ 156.2280, 8.5260,
10.6860

■ 161.9670, 13.9350,
17.2870

■ 167.5920, 19.6650,

23.5770

 173.0320, 24.4780,
29.9660

Harmonies

Analogous

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



128.0230, 9.2200, -23.9320



122.5060, -23.0570, -28.1850



110.5730, -68.7220, -32.0980

Triad

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



122.5060, -23.0570, -28.1850



126.9820, -52.3150, 6.4770



134.7200, 51.1190, 15.2070

Complementary

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



122.5060, -23.0570, -28.1850



107.4940, 23.0570, 28.1850

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.



136.0090, 40.4800, 26.3040



122.5060, -23.0570, -28.1850



135.8730, -14.8590, 21.5010

Square

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



122.5060, -23.0570, -28.1850



106.4330, -99.9020, -17.6780



137.2700, 17.8760, 28.4680



133.0810, 48.0040, 0.0680

Rectangle

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



122.5060, -23.0570, -28.1850



105.4920, -90.3630, -30.8670



137.2700, 17.8760, 28.4680



134.9850, 49.0550, 19.5750

Sweetspot

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



122.5060, -23.0570, -28.1850



181.4730, -9.1220, -10.8980



134.9200, 11.0080, -23.2960



90.9620, -6.0050, -6.8130



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



122.5060, -23.0570, -28.1850



153.0770, -35.5710, -43.6910



126.0400, -33.0080, -18.5440



71.3370, -2.5670, -3.0390



85.2240, -49.8270, -60.6670



6.2120, -3.7130, -4.2970

Inverse Universe

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



107.4940, 23.0570, 28.1850



129.9230, 35.5710, 43.6910



103.9600, 33.0080, 18.5440



69.6630, 2.5670, 3.0390



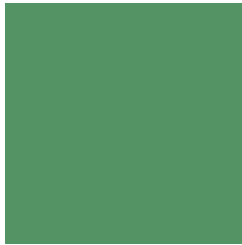
52.7760, 49.8270, 60.6670



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 122.5060, -23.0570, -28.1850 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5060, -23.0570, -28.1850 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 × Fail

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

YIQ 122.5060, -23.0570, -28.1850 Background



This preview shows how black text looks on a background with the YIQ color 122.5060, -23.0570, -28.1850.



This preview shows how white text looks on a background with the YIQ color 122.5060, -23.0570,

-28.1850.

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

122.5060, -23.0570, -28.1850

Protanopia

131.5440, 18.4790, -10.0090

Deuteranopia

132.7500, 24.0710, -1.2170



Tritanopia

128.5000, -30.9470, -6.3310

Trichromacy



Original Color

122.5060, -23.0570, -28.1850

Protanomaly

128.1290, 3.3500, -16.6660

Deuteranomaly

128.9710, 6.9710, -10.7010

Tritanomaly

126.3120, -27.7820, -14.1340

Monochromacy



Original Color

122.5060, -23.0570, -28.1850

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8860, -8.8470, -10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5060, -23.0570, -28.1850 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(83, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(83, 147, 100)  
}
```

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(83, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 147, 100) }
```

Border

The CSS property to change the border of an element to YIQ 122.5060, -23.0570, -28.1850 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(83, 147, 100) }
```


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

```
.border{ border-color:rgb(83, 147, 100) }
```

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

Here you see how a box with a 4 pixel rgb(83, 147, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(83, 147,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5060, -23.0570, -28.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 147, 100) }
```

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

```
.background{ background-color: rgb(83, 147,  
100) }
```

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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