

Converting Colors

YIQ(62.8930, -18.7520, -1.5680)

Have a look what the booklet for
YIQ(62.8930, -18.7520, -1.5680)
contains.

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Color

**YIQ(62.8930, -18.7520,
-1.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4551
RGB	44, 69, 81
RGB Percent	17%, 27%, 32%
CMY	0.8275, 0.7294, 0.6824
CMYK	0.46, 0.15, 0.00, 0.68
HSL	199°, 30%, 25%
HSV	199°, 46%, 32%
XYZ	4.6513, 5.3865, 8.5749
YIQ	62.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

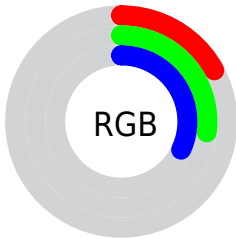
Format	Color
R_YB	44, 59, 81
Decimal	2901329
CIE _{Lab}	27.81, -5.94, -10.20
CIE _{LCh}	28, 11.801, 239.759
Yxy	5.3865, 0.2499, 0.2894
Android (android.graphics.Color)	4281091409 (0xFF2C4551)
YUV	62.8930, 8.9268, -16.5692
Hunter-Lab	23.2088, -4.8419, -5.6597

Details

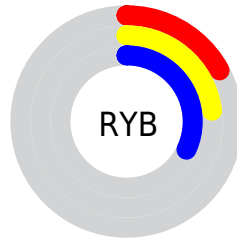
The YIQ color **62.8930, -18.7520, -1.5680** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.1070, 18.7520, 1.5680**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0070, -19.0730, -1.2570**, and **19.3660, -18.7060, -2.4020** is the 20% darker color. If you saturate the color by 10%, you get **58.7400, -22.6950, -1.6950**, and if you desaturate by 10%, it is **67.0460, -14.8090, -1.4410**.

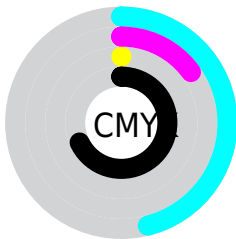
Distribution



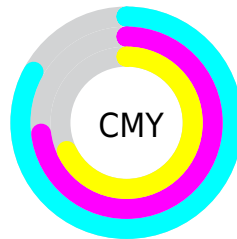
- Red (17%)
- Green (27%)
- Blue (32%)



- Red (17%)
- Yellow (23%)
- Blue (32%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8930, -18.7520, -1.5680 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 62.8930, -18.7520, -1.5680 by changing the saturation by 10% instead.

■ 62.8930, -18.7520,
-1.5680

■ 62.8930, -18.7520,
-1.5680

■ 255.0000, -0.0000,
-0.0000

■ 40.4800, -19.0270,
-2.0910

■ 111.0070,
-19.0730, -1.2570

■ 19.3660, -18.7060,
-2.4020

■ 136.7080,
-19.6690, -1.4690

■ 2.2970, -5.0900,
4.1420

■ 162.8220,
-19.9900, -1.1580

■ 0.0000, 0.0000,
0.0000

■ 189.9360,
-20.3110, -0.8470

■ 217.6370,
-20.9070, -1.0590

■ 244.8560,

-17.3300, -5.3140

254.7010, -0.5960,
-0.2120

■ 62.8930, -18.7520,
-1.5680

■ 62.8930, -18.7520,
-1.5680

■ 58.7400, -22.6950,
-1.6950

■ 67.0460, -14.8090,
-1.4410

■ 55.1740, -26.9130,
-2.3450

■ 70.6120, -10.5910,
-0.7910

■ 51.0210, -30.8560,
-2.4720

■ 74.7650, -6.6480,
-0.6640

■ 47.4550, -35.0740,
-3.1220

■ 78.3310, -2.4300,
-0.0140

■ 43.0030, -39.6130,
-3.4610

■ 82.4840, 1.5130,
0.1130

■ 41.5190, -41.1260,
-3.5740

■ 86.9360, 6.0520,
0.4520

■ 90.5020, 10.2700,
1.1020

■ 94.6550, 14.2130,
1.2290

■ 98.8080, 18.1560,
1.3560

Harmonies

Analogous

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



61.4860, -19.1640, -5.1160



62.8930, -18.7520, -1.5680



64.7630, -12.3340, 3.2660

Triad

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



62.8930, -18.7520, -1.5680



66.9740, 12.0570, 7.2650



64.4530, 2.7980, -6.6580

Complementary

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



62.8930, -18.7520, -1.5680



62.1070, 18.7520, 1.5680

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.



65.1550, 9.6290, -3.8030



62.8930, -18.7520, -1.5680



66.8340, 15.2670, 4.1550

Square

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



62.8930, -18.7520, -1.5680



67.3800, 5.0420, 7.7460



66.0140, 14.5800, 0.0840



63.0220, -6.2340, -8.1700

Rectangle

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



62.8930, -18.7520, -1.5680



65.8670, -6.6950, 5.6970



66.0140, 14.5800, 0.0840



64.6490, 5.1820, -5.8100

Sweetspot

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



62.8930, -18.7520, -1.5680



97.5800, -7.5650, -0.5650



67.0870, -14.0270, -15.6190



49.2490, -5.1350, -0.5510



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



62.8930, -18.7520, -1.5680



76.5050, -29.3430, -2.3590



52.3270, -13.8020, 7.8460



38.6300, -1.8340, 0.1980



53.6470, -53.2300, -4.4780



118.6070, -117.6470, -9.9590

Inverse Universe

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



57.9130, 14.0270, 15.6190



68.7880, 22.0490, 24.4250



72.6730, 13.8020, -7.8460



38.4240, 1.7420, 1.4700



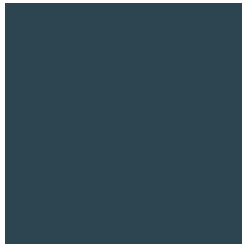
39.4890, 39.7890, 44.3410



87.2660, 87.8750, 98.0110

Previews

White Background



This preview shows how the YIQ color 62.8930, -18.7520, -1.5680 looks on a white background.

Color Contrast Check

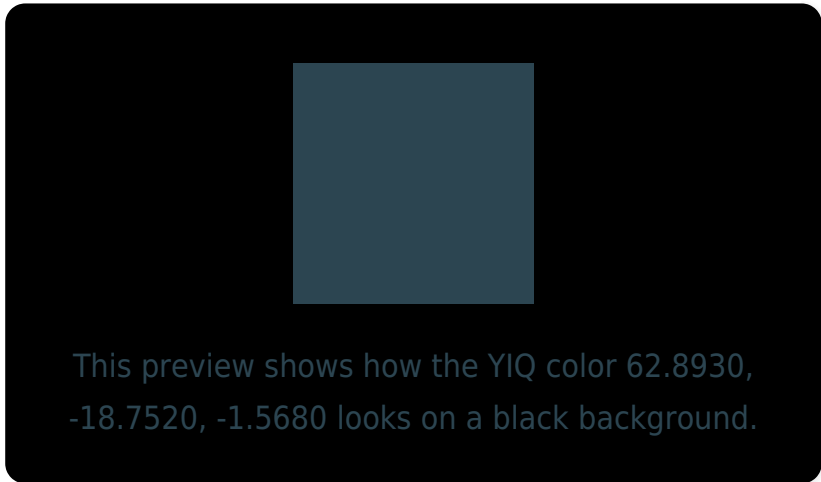
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

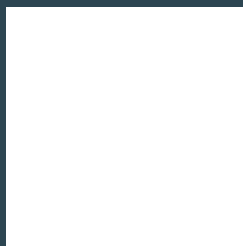
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 62.8930, -18.7520, -1.5680

Background



This preview shows how black text looks on a background with the YIQ color 62.8930, -18.7520, -1.5680.



This preview shows how white text looks on a background with the YIQ color 62.8930, -18.7520,

-1.5680.

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

62.8930, -18.7520, -1.5680

Protanopia

65.8840, -5.3650, 3.6190

Deuteranopia

65.7530, -6.3740, 5.3860



Tritanopia

62.3120, -18.6140, -4.0700

Trichromacy



Original Color

62.8930, -18.7520, -1.5680

Protanomaly

64.4920, -10.1330, 1.9230

Deuteranomaly

64.8340, -11.0960, 2.8560

Tritanomaly

62.8390, -18.6600, -3.2360

Monochromacy



Original Color

62.8930, -18.7520, -1.5680

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8790, -6.9690, -0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8930, -18.7520, -1.5680 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(44, 69, 81)` looks like.

```
.text, #text, p{  
    color:rgb(44, 69, 81)  
}
```

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(44, 69, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 69, 81) }
```

Border

The CSS property to change the border of an element to YIQ 62.8930, -18.7520, -1.5680 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(44, 69, 81) }
```


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

```
.border{ border-color:rgb(44, 69, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 69, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 69, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 69, 81);  
box-shadow:4px 4px 4px 4px rgb(44, 69, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8930, -18.7520, -1.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 69, 81) }
```

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

```
.background{ background-color: rgb(44, 69,  
81) }
```

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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