

Converting Colors

YIQ(62.8430, -15.3150, 7.7330)

Have a look what the booklet for
YIQ(62.8430, -15.3150, 7.7330)
contains.

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Color

**YIQ(62.8430, -15.3150,
7.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	353E5D
RGB	53, 62, 93
RGB Percent	21%, 24%, 36%
CMY	0.7922, 0.7568, 0.6354
CMYK	0.43, 0.33, 0.00, 0.64
HSL	226°, 27%, 29%
HSV	226°, 43%, 36%
XYZ	5.1658, 4.9925, 11.0423
YIQ	62.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

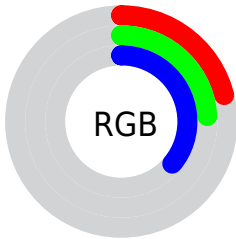
Format	Color
RYB	53, 60, 93
Decimal	3489373
CIELab	26.71, 5.29, -19.62
CIElCh	27, 20.323, 285.078
Yxy	4.9925, 0.2437, 0.2355
Android (android.graphics.Color)	4281679453 (0xFF353E5D)
YUV	62.8430, 14.8674, -8.6323
Hunter-Lab	22.3438, 2.1670, -13.6603

Details

The YIQ color **62.8430, -15.3150, 7.7330** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.1570, 15.3150, -7.7330**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4840, -15.6820, 8.8780**, and **18.8920, -17.0110, 5.4290** is the 20% darker color. If you saturate the color by 10%, you get **56.0430, -18.7540, 9.4860**, and if you desaturate by 10%, it is **69.6430, -11.8760, 5.9800**.

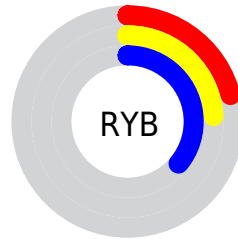
Distribution



Red (21%)

Green (24%)

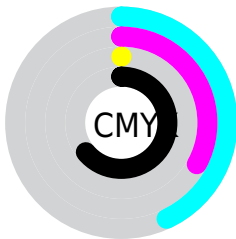
Blue (36%)



Red (21%)

Yellow (24%)

Blue (36%)

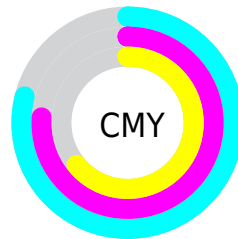


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (64%)



Cyan (79%)

Magenta (76%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8430, -15.3150, 7.7330 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 62.8430, -15.3150, 7.7330 by changing the saturation by 10% instead.

■ 62.8430, -15.3150,
7.7330

■ 62.8430, -15.3150,
7.7330

■ 255.0000, -0.0000,
-0.0000

■ 40.3160, -15.2690,
6.8990

■ 110.4840,
-15.6820, 8.8780

■ 18.8920, -17.0110,
5.4290

■ 136.5980,
-16.0030, 9.1890

■ 3.5510, -8.6210,
7.5630

■ 162.7120,
-16.3240, 9.5000

■ 0.0000, 0.0000,
0.0000

■ 189.8260,
-16.6450, 9.8110

■ 217.3530,
-16.6910, 10.6450

■ 243.1610, -7.7030,

1.9370

■ 62.8430, -15.3150,
7.7330

■ 62.8430, -15.3150,
7.7330

■ 56.0430, -18.7540,
9.4860

■ 69.6430, -11.8760,
5.9800

■ 48.9440, -22.7890,
11.0270

■ 76.7420, -7.8410,
4.4390

■ 41.5570, -25.9530,
13.3030

■ 84.1290, -4.6770,
2.1630

■ 34.7570, -29.3920,
15.0560

■ 90.9290, -1.2380,
0.4100

■ 27.9570, -32.8310,
16.8090

■ 97.7290, 2.2010,
-1.3430

■ 22.9290, -35.6280,
17.9400

■ 104.8280, 6.2360,
-2.8840

■ 111.6280, 9.6750,
-4.6370

■ 119.0150, 12.8390,
-6.9130

■ 126.1140, 16.8740,
-8.4540

Harmonies

Analogous

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



57.1070, -33.9740, -1.0300



62.8430, -15.3150, 7.7330



64.9870, 2.0150, 13.0470

Triad

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



62.8430, -15.3150, 7.7330



63.3960, 25.3080, 3.9000



56.0200, -21.0880, -14.3040

Complementary

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



62.8430, -15.3150, 7.7330



83.1570, 15.3150, -7.7330

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.



59.5290, -3.5280, -13.1600



62.8430, -15.3150, 7.7330



62.9020, 20.5870, -4.1570

Square

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



62.8430, -15.3150, 7.7330



64.1280, 23.4270, 10.4590



61.3520, 10.2720, -9.9520



49.7710, -42.3160, -15.0520

Rectangle

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



62.8430, -15.3150, 7.7330



65.3040, 11.3680, 14.2480



61.3520, 10.2720, -9.9520



57.2550, -14.4400, -13.6400

Sweetspot

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



62.8430, -15.3150, 7.7330



108.1720, -6.2360, 2.8840



80.0140, -20.9510, -11.2790



53.9010, -4.0350, 1.5410



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



62.8430, -15.3150, 7.7330



73.2860, -23.7520, 11.9600



60.8490, -6.2840, 14.7720



42.1570, -1.8800, 1.0320



27.2150, -42.1850, 21.1350



58.1290, -90.6520, 45.9880

Inverse Universe

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



65.9860, 20.9510, 11.2790



78.1340, 32.4580, 17.4980



85.1510, 6.2840, -14.7720



42.6090, 2.6590, 1.3710



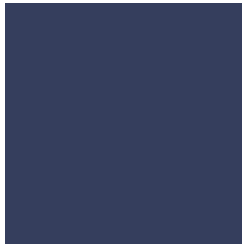
35.7400, 57.5350, 31.0950



76.9050, 124.2390, 66.7270

Previews

White Background



This preview shows how the YIQ color 62.8430, -15.3150, 7.7330 looks on a white background.

Color Contrast Check

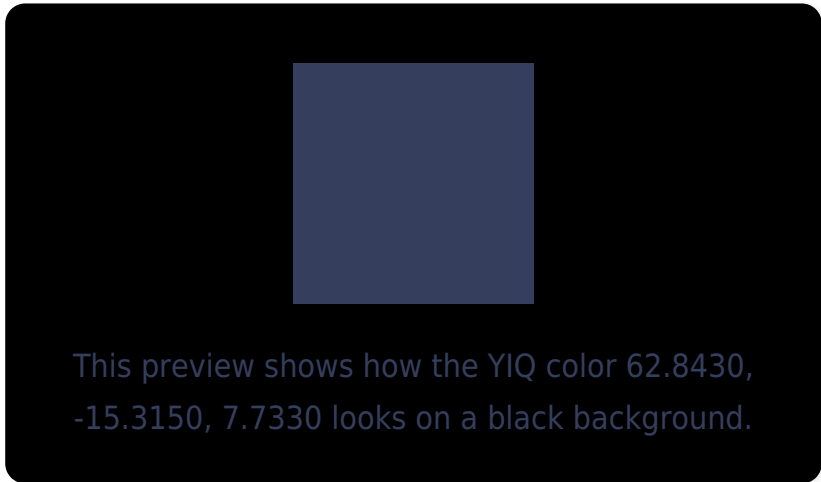
Large Text (above 18pt) WCAG AA ✓ Pass

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

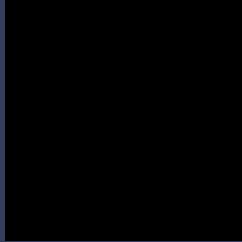
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8430, -15.3150, 7.7330

Background



This preview shows how black text looks on a background with the YIQ color 62.8430, -15.3150, 7.7330.

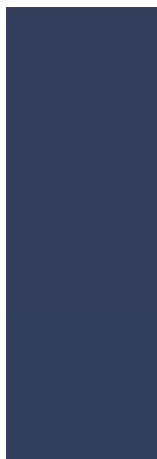


This preview shows how white text looks on a background with the YIQ color 62.8430, -15.3150,

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

62.8430, -15.3150, 7.7330

Protanopia

62.8430, -15.3150, 7.7330

Deuteranopia

62.5330, -17.3780, 6.5740



Tritanopia

61.0030, -13.2500, -2.1620

Trichromacy



Original Color

62.8430, -15.3150, 7.7330

Protanomaly

62.8430, -15.3150, 7.7330

Deuteranomaly

62.8320, -16.7820, 6.7860

Tritanomaly

61.9260, -14.3510, 1.2730

Monochromacy



Original Color

62.8430, -15.3150, 7.7330

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8430, -15.3150, 7.7330 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(53, 62, 93)` looks like.

```
.text, #text, p{  
    color:rgb(53, 62, 93)  
}
```

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(53, 62, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 62, 93) }
```

Border

The CSS property to change the border of an element to YIQ 62.8430, -15.3150, 7.7330 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(53, 62, 93) }
```


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

```
.border{ border-color:rgb(53, 62, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 62, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 62, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 62, 93);  
box-shadow:4px 4px 4px 4px rgb(53, 62, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8430, -15.3150, 7.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 62, 93) }
```

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

```
.background{ background-color: rgb(53, 62,  
93) }
```

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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