

Converting Colors

YIQ(56.1420, -14.7190, 7.9450)

Have a look what the booklet for
YIQ(56.1420, -14.7190, 7.9450)
contains.

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Color

**YIQ(56.1420, -14.7190,
7.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3756
RGB	47, 55, 86
RGB Percent	18%, 22%, 34%
CMY	0.8157, 0.7843, 0.6628
CMYK	0.45, 0.36, 0.00, 0.66
HSL	228°, 29%, 26%
HSV	228°, 45%, 34%
XYZ	4.2175, 4.0086, 9.3511
YIQ	56.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

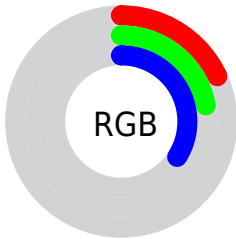
Format	Color
R_YB	47, 54, 86
Decimal	3094358
CIE Lab	23.70, 5.89, -19.79
CIE LCh	24, 20.651, 286.586
Yxy	4.0086, 0.2399, 0.2281
Android (android.graphics.Color)	4281284438 (0xFF2F3756)
YUV	56.1420, 14.7200, -8.0175
Hunter-Lab	20.0215, 2.5634, -13.6766

Details

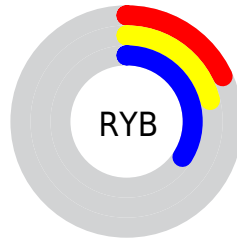
The YIQ color **56.1420, -14.7190, 7.9450** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.8580, 14.7190, -7.9450**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7830, -15.0860, 9.0900**, and **11.4300, -15.5900, 7.2100** is the 20% darker color. If you saturate the color by 10%, you get **49.3420, -18.1580, 9.6980**, and if you desaturate by 10%, it is **62.9420, -11.2800, 6.1920**.

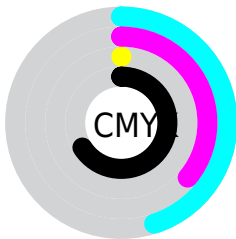
Distribution



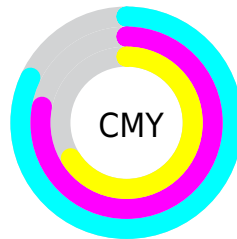
- Red (18%)
- Green (22%)
- Blue (34%)



- Red (18%)
- Yellow (21%)
- Blue (34%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.1420, -14.7190, 7.9450 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 56.1420, -14.7190, 7.9450 by changing the saturation by 10% instead.

■ 56.1420, -14.7190,
7.9450

■ 56.1420, -14.7190,
7.9450

■ 255.0000, -0.0000,
-0.0000

■ 34.3160, -15.2690,
6.8990

■ 103.7830,
-15.0860, 9.0900

■ 11.4300, -15.5900,
7.2100

■ 128.8970,
-15.4070, 9.4010

■ 2.7530, -6.3740,
5.3860

■ 154.4240,
-15.4530, 10.2350

■ 0.0000, 0.0000,
0.0000

■ 181.5380,
-15.7740, 10.5460

■ 209.6520,
-16.0950, 10.8570

■ 235.4860, -9.9960,

4.9480

■ 56.1420, -14.7190,
7.9450

■ 56.1420, -14.7190,
7.9450

■ 49.3420, -18.1580,
9.6980

■ 62.9420, -11.2800,
6.1920

■ 42.8410, -21.0010,
11.6630

■ 69.4430, -8.4370,
4.2270

■ 36.6280, -24.7150,
12.8930

■ 76.2430, -4.9980,
2.4740

■ 30.1270, -27.5580,
14.8580

■ 82.1570, -1.8800,
1.0320

■ 23.3270, -30.9970,
16.6110

■ 88.9570, 1.5590,
-0.7210

■ 20.3700, -32.5560,
17.3320

■ 95.7570, 4.9980,
-2.4740

■ 102.2580, 7.8410,
-4.4390

■ 109.0580, 11.2800,
-6.1920

■ 114.9720, 14.3980,
-7.6340

Harmonies

Analogous

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



49.5090, -35.1660, -1.4540



56.1420, -14.7190, 7.9450



58.2860, 2.6110, 13.2590

Triad

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



56.1420, -14.7190, 7.9450



56.6840, 24.4370, 3.1650



48.2370, -23.1970, -14.6290

Complementary

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



56.1420, -14.7190, 7.9450



76.8580, 14.7190, -7.9450

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.



52.3440, -4.4450, -13.0610



56.1420, -14.7190, 7.9450



55.6030, 19.9910, -4.3690

Square

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



56.1420, -14.7190, 7.9450



57.0140, 23.7480, 10.1480



54.3520, 10.2720, -9.9520



44.9780, -38.4650, -13.2570

Rectangle

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



56.1420, -14.7190, 7.9450



58.1900, 11.6890, 13.9370



54.3520, 10.2720, -9.9520



49.7710, -15.9530, -13.7530

Sweetspot

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



56.1420, -14.7190, 7.9450



100.1720, -6.2360, 2.8840



73.4270, -20.6760, -10.7560



49.2000, -3.4390, 1.7530



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



56.1420, -14.7190, 7.9450



65.8840, -22.5600, 12.3840



54.7350, -5.9630, 14.4610



40.0430, -1.5590, 0.7210



25.1120, -40.3970, 21.7710



54.9660, -88.6350, 47.9810

Inverse Universe

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



59.5730, 20.6760, 10.7560



71.3080, 31.9080, 16.4520



78.2650, 5.9630, -14.4610



40.3100, 2.0630, 1.1590



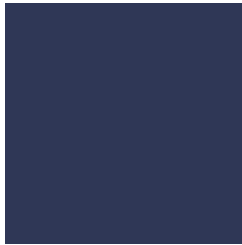
34.5010, 56.7100, 29.5260



75.7370, 124.6520, 64.7480

Previews

White Background



This preview shows how the YIQ color 56.1420, -14.7190, 7.9450 looks on a white background.

Color Contrast Check

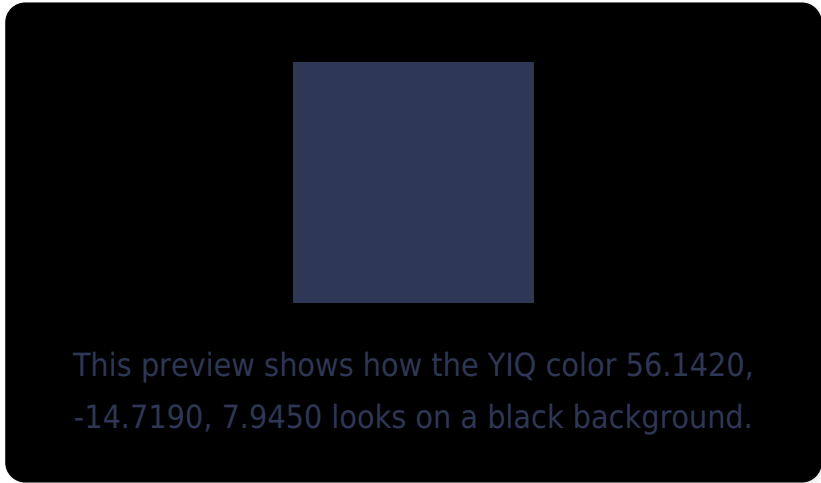
Large Text (above 18pt) WCAG AA ✓ Pass

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

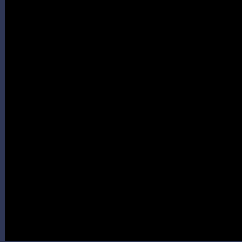
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.1420, -14.7190, 7.9450

Background



This preview shows how black text looks on a background with the YIQ color 56.1420, -14.7190, 7.9450.

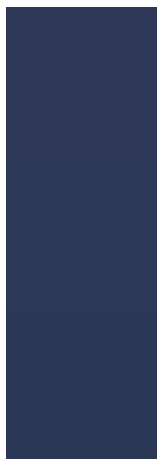


This preview shows how white text looks on a background with the YIQ color 56.1420, -14.7190,

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

56.1420, -14.7190, 7.9450

Protanopia

55.5440, -15.9110, 7.5210

Deuteranopia

55.2340, -17.9740, 6.3620



Tritanopia

54.1880, -12.3330, -2.2610

Trichromacy



Original Color

56.1420, -14.7190, 7.9450

Protanomaly

55.8430, -15.3150, 7.7330

Deuteranomaly

55.8320, -16.7820, 6.7860

Tritanomaly

55.1110, -13.4340, 1.1740

Monochromacy



Original Color

56.1420, -14.7190, 7.9450

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.3570, -5.3190, 2.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.1420, -14.7190, 7.9450 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(47, 55, 86)` looks like.

```
.text, #text, p{  
    color:rgb(47, 55, 86)  
}
```

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(47, 55, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 55, 86) }
```

Border

The CSS property to change the border of an element to YIQ 56.1420, -14.7190, 7.9450 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(47, 55, 86) }
```


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

```
.border{ border-color:rgb(47, 55, 86) }
```

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

Here you see how a box with a 4 pixel rgb(47, 55, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 55, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 55, 86);  
box-shadow:4px 4px 4px 4px rgb(47, 55, 86)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.1420, -14.7190, 7.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 55, 86) }
```

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

```
.background{ background-color: rgb(47, 55,  
86) }
```

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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