

Converting Colors

YIQ(52.7890, -15.2230, 6.0650)

Have a look what the booklet for
YIQ(52.7890, -15.2230, 6.0650)
contains.

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Color

**YIQ(52.7890, -15.2230,
6.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3550
RGB	42, 53, 80
RGB Percent	16%, 21%, 31%
CMY	0.8353, 0.7921, 0.6864
CMYK	0.47, 0.34, 0.00, 0.69
HSL	223°, 31%, 24%
HSV	223°, 47%, 31%
XYZ	3.6753, 3.6177, 8.0900
YIQ	52.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

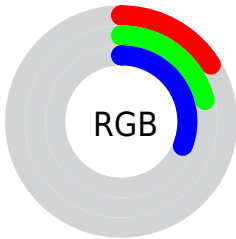
Format	Color
R_{YB}	42, 51, 80
Decimal	2766160
CIE Lab	22.37, 3.71, -17.93
CIE LCh	22, 18.313, 281.692
Yxy	3.6177, 0.2389, 0.2352
Android (android.graphics.Color)	4280956240 (0xFF2A3550)
YUV	52.7890, 13.4150, -9.4620
Hunter-Lab	19.0203, 1.2059, -11.9039

Details

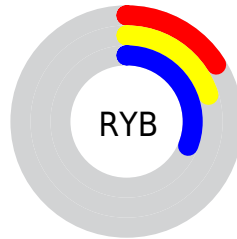
The YIQ color **52.7890, -15.2230, 6.0650** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **69.2110, 15.2230, -6.0650**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.4300, -15.5900, 7.2100**, and **8.6860, -13.4350, 6.7010** is the 20% darker color. If you saturate the color by 10%, you get **46.8750, -18.3410, 7.5070**, and if you desaturate by 10%, it is **58.7030, -12.1050, 4.6230**.

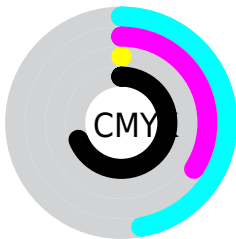
Distribution



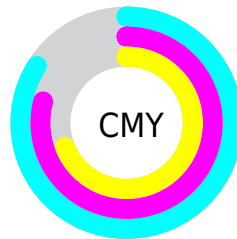
- Red (16%)
- Green (21%)
- Blue (31%)



- Red (16%)
- Yellow (20%)
- Blue (31%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.7890, -15.2230, 6.0650 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 52.7890, -15.2230, 6.0650 by changing the saturation by 10% instead.

■ 52.7890, -15.2230,
6.0650

■ 52.7890, -15.2230,
6.0650

■ 255.0000, -0.0000,
-0.0000

■ 30.9630, -15.7730,
5.0190

■ 99.4300, -15.5900,
7.2100

■ 8.6860, -13.4350,
6.7010

■ 124.8430,
-15.3150, 7.7330

■ 1.3680, -3.8520,
3.7320

■ 150.6580,
-16.2320, 7.8320

■ 0.0000, 0.0000,
0.0000

■ 177.7720,
-16.5530, 8.1430

■ 205.1850,
-16.2780, 8.6660

■ 231.9310,

-12.7470, 5.2450

253.8040, -2.3840,
-0.8480

■ 52.7890, -15.2230,
6.0650

■ 52.7890, -15.2230,
6.0650

■ 46.8750, -18.3410,
7.5070

■ 58.7030, -12.1050,
4.6230

■ 41.5480, -21.7340,
8.4260

■ 64.0300, -8.7120,
3.7040

■ 35.6340, -24.8520,
9.8680

■ 69.9440, -5.5940,
2.2620

■ 29.7200, -27.9700,
11.3100

■ 75.8580, -2.4760,
0.8200

■ 24.3930, -31.3630,
12.2290

■ 81.1850, 0.9170,
-0.0990

■ 22.6210, -32.0050,
12.8510

■ 87.0990, 4.0350,
-1.5410

■ 93.0130, 7.1530,
-2.9830

■ 98.3400, 10.5460,
-3.9020

■ 104.2540, 13.6640,
-5.3440

Harmonies

Analogous

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



47.2490, -31.4980, -1.8500



52.7890, -15.2230, 6.0650



55.1500, -0.0020, 11.0540

Triad

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



52.7890, -15.2230, 6.0650



53.5420, 21.9610, 3.9850



47.4120, -16.3200, -12.6080

Complementary

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



52.7890, -15.2230, 6.0650



69.2110, 15.2230, -6.0650

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.



50.3660, -1.5110, -11.1670



52.7890, -15.2230, 6.0650



53.1730, 18.3860, -2.8140

Square

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



52.7890, -15.2230, 6.0650



54.7470, 20.1260, 9.7100



51.7050, 10.7760, -8.0720



42.8320, -35.1180, -13.3420

Rectangle

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



52.7890, -15.2230, 6.0650



55.2820, 8.4340, 12.3540



51.7050, 10.7760, -8.0720



48.4620, -10.5890, -11.8450

Sweetspot

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



52.7890, -15.2230, 6.0650



94.0580, -5.9150, 2.5730



67.3840, -19.1170, -11.4770



46.9010, -4.0350, 1.5410



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.



52.7890, -15.2230, 6.0650



61.8190, -23.9350, 9.7690



48.7240, -7.4300, 13.5140



38.0430, -1.5590, 0.7210



29.5800, -41.9550, 16.9650



65.7770, -92.8970, 37.1110

Inverse Universe

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



54.6160, 19.1170, 11.4770



64.8780, 30.3030, 18.0070



73.2760, 7.4300, -13.5140



38.3100, 2.0630, 1.1590



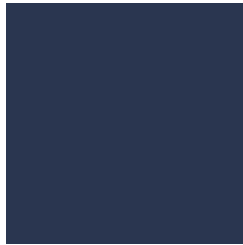
34.8150, 52.9500, 31.5900



77.0060, 116.7650, 70.0210

Previews

White Background



This preview shows how the YIQ color 52.7890, -15.2230, 6.0650 looks on a white background.

Color Contrast Check

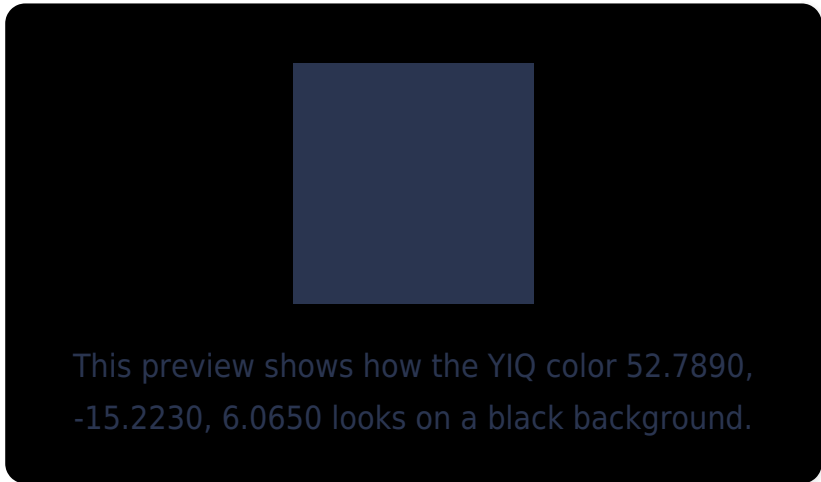
Large Text (above 18pt) WCAG AA ✓ Pass

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

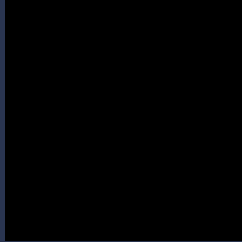
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7890, -15.2230, 6.0650

Background



This preview shows how black text looks on a background with the YIQ color 52.7890, -15.2230, 6.0650.



This preview shows how white text looks on a background with the YIQ color 52.7890, -15.2230,

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

52.7890, -15.2230, 6.0650

Protanopia

53.3870, -14.0310, 6.4890

Deuteranopia

52.4900, -15.8190, 5.8530



Tritanopia

51.1770, -13.8000, -3.2080

Trichromacy



Original Color

52.7890, -15.2230, 6.0650

Protanomaly

53.0880, -14.6270, 6.2770

Deuteranomaly

52.4900, -15.8190, 5.8530

Tritanomaly

51.9860, -14.5800, -0.0840

Monochromacy



Original Color

52.7890, -15.2230, 6.0650

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.9440, -5.5940, 2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7890, -15.2230, 6.0650 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(42, 53, 80)` looks like.

```
.text, #text, p{  
    color:rgb(42, 53, 80)  
}
```

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(42, 53, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 53, 80) }
```

Border

The CSS property to change the border of an element to YIQ 52.7890, -15.2230, 6.0650 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(42, 53, 80) }
```


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

```
.border{ border-color:rgb(42, 53, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 53, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 53, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 53, 80);  
box-shadow:4px 4px 4px 4px rgb(42, 53, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.7890, -15.2230, 6.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 53, 80) }
```

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

```
.background{ background-color: rgb(42, 53,  
80) }
```

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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