

Converting Colors

YIQ(63.5210, -7.9360, 22.6880)

Have a look what the booklet for
YIQ(63.5210, -7.9360, 22.6880)
contains.

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Color

**YIQ(63.5210, -7.9360,
22.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	46336F
RGB	70, 51, 111
RGB Percent	27%, 20%, 44%
CMY	0.7254, 0.8000, 0.5648
CMYK	0.37, 0.54, 0.00, 0.56
HSL	259°, 37%, 32%
HSV	259°, 54%, 44%
XYZ	6.5789, 4.8171, 15.6162
YIQ	63.5210, -7.9360, 22.6880

Conversions

Conversions Part 2

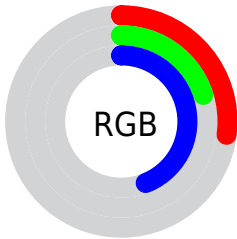
Format	Color
R_{YB}	70, 51, 111
Decimal	4600687
CIE _{Lab}	26.21, 23.37, -31.92
CIE _{LCh}	26, 39.557, 306.207
Yxy	4.8171, 0.2436, 0.1783
Android (android.graphics.Color)	4282790767 (0xFF46336F)
YUV	63.5210, 23.4071, 5.6821
Hunter-Lab	21.9479, 15.0970, -26.8221

Details

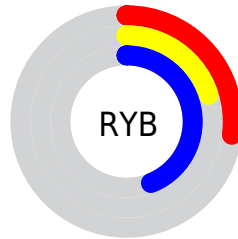
The YIQ color **63.5210, -7.9360, 22.6880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.4790, 7.9360, -22.6880**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2870, -7.1570, 25.0910**, and **18.1570, -9.9070, 19.8610** is the 20% darker color. If you saturate the color by 10%, you get **54.6720, -9.6790, 26.7450**, and if you desaturate by 10%, it is **72.3700, -6.1930, 18.6310**.

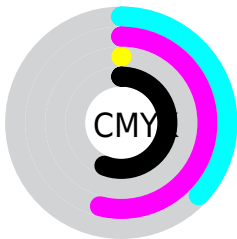
Distribution



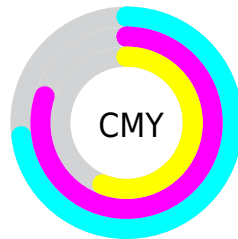
- Red (27%)
- Green (20%)
- Blue (44%)



- Red (27%)
- Yellow (20%)
- Blue (44%)



- Cyan (37%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.5210, -7.9360, 22.6880 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 63.5210, -7.9360, 22.6880 by changing the saturation by 10% instead.

■ 63.5210, -7.9360,
22.6880

■ 63.5210, -7.9360,
22.6880

■ 255.0000, -0.0000,
-0.0000

■ 40.5810, -8.1650,
21.3310

■ 112.2870, -7.1570,
25.0910

■ 18.1570, -9.9070,
19.8610

■ 137.8140, -7.2030,
25.9250

■ 4.5600, -12.8400,
12.4400

■ 164.3410, -7.2490,
26.7590

■ 2.6390, -6.0530,
5.0750

■ 191.8680, -7.2950,
27.5930

■ 0.0000, 0.0000,
0.0000

■ 217.3000, -0.0040,
22.1080

■ 240.9120, 6.6000,

12.5520

■ 63.5210, -7.9360,
22.6880

■ 63.5210, -7.9360,
22.6880

■ 54.6720, -9.6790,
26.7450

■ 72.3700, -6.1930,
18.6310

■ 46.1220, -10.8260,
31.0140

■ 80.9200, -5.0460,
14.3620

■ 37.2730, -12.5690,
35.0710

■ 89.7690, -3.3030,
10.3050

■ 28.7230, -13.7160,
39.3400

■ 98.3190, -2.1560,
6.0360

■ 23.1190, -14.7710,
41.9410

■ 107.1680, -0.4130,
1.9790

■ 116.3050, 0.4590,
-2.8130

■ 125.1540, 2.2020,
-6.8700

■ 134.0030, 3.9450,
-10.9270

■ 142.5530, 5.0920,
-15.1960

Harmonies

Analogous

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



51.4760, -56.7620, 4.4700



63.5210, -7.9360, 22.6880



61.8470, 23.5610, 30.0650

Triad

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



63.5210, -7.9360, 22.6880



58.3420, 42.5950, -6.5330



52.3640, -42.7280, -18.6000

Complementary

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



63.5210, -7.9360, 22.6880



98.4790, 7.9360, -22.6880

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.



47.5420, -31.9060, -27.5060



63.5210, -7.9360, 22.6880



57.9110, 24.3950, -18.1090

Square

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



63.5210, -7.9360, 22.6880



58.6870, 46.7180, 12.3660



53.0220, 1.7930, -26.9990



55.0830, -51.7620, -9.0580

Rectangle

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



63.5210, -7.9360, 22.6880



59.0350, 37.5910, 29.1030



53.0220, 1.7930, -26.9990



50.5230, -38.9220, -21.4980

Sweetspot

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



63.5210, -7.9360, 22.6880



126.7150, -3.2110, 8.6370



81.9070, -30.5350, -2.7830



62.7920, -2.1100, 5.2020



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



63.5210, -7.9360, 22.6880



70.6860, -12.2940, 35.5940



72.4910, 9.9440, 29.0480



51.2820, -0.7340, 2.2900



25.0420, -15.8720, 45.3760



51.4800, -32.7990, 93.3530

Inverse Universe

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



73.6140, 22.5990, 25.4710



86.4020, 35.4800, 39.8320



89.5090, -9.9440, -29.0480



52.2500, 2.2920, 2.5160



45.2280, 45.1980, 50.9420



93.1190, 92.9630, 104.9230

Previews

White Background



This preview shows how the YIQ color 63.5210, -7.9360, 22.6880 looks on a white background.

Color Contrast Check

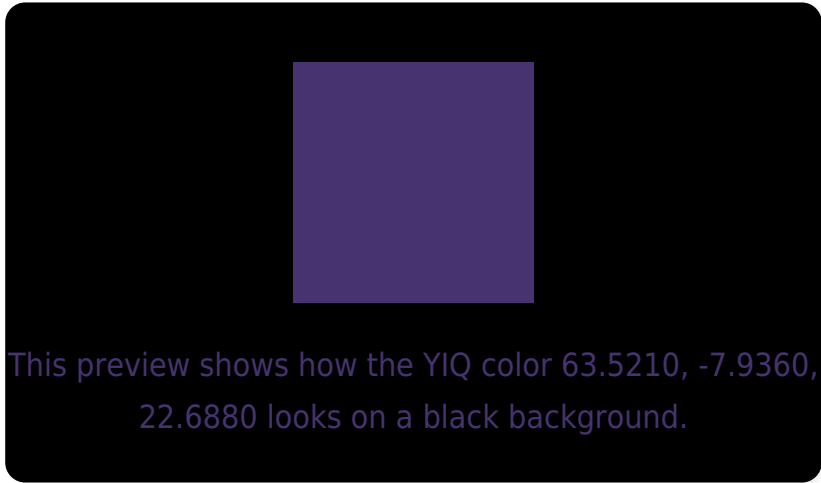
Large Text (above 18pt) WCAG AA ✓ Pass

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

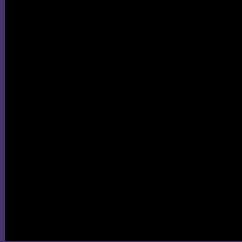
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.5210, -7.9360, 22.6880

Background



This preview shows how black text looks on a background with the YIQ color 63.5210, -7.9360, 22.6880.



This preview shows how white text looks on a background with the YIQ color 63.5210, -7.9360,

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

63.5210, -7.9360, 22.6880

Protanopia

57.0870, -39.2490, 11.9750

Deuteranopia

56.7680, -37.0930, 5.9390



Tritanopia

62.2710, -2.2010, 1.3430

Trichromacy



Original Color

63.5210, -7.9360, 22.6880

Protanomaly

59.6540, -27.6040, 15.6920

Deuteranomaly

59.3180, -26.7780, 11.7340

Tritanomaly

62.6440, -4.4490, 9.0470

Monochromacy



Original Color

63.5210, -7.9360, 22.6880

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.6010, -2.8900, 8.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.5210, -7.9360, 22.6880 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(70, 51, 111)` looks like.

```
.text, #text, p{  
    color:rgb(70, 51, 111)  
}
```

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(70, 51, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 51, 111) }
```

Border

The CSS property to change the border of an element to YIQ 63.5210, -7.9360, 22.6880 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(70, 51, 111) }
```


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

```
.border{ border-color:rgb(70, 51, 111) }
```

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

Here you see how a box with a 4 pixel rgb(70, 51, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 51, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 51, 111);  
box-shadow:4px 4px 4px 4px rgb(70, 51,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 63.5210, -7.9360, 22.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 51, 111) }
```

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

```
.background{ background-color: rgb(70, 51,  
111) }
```

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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