

Converting Colors

YIQ(35.3200, 23.6070, 29.2310)

Have a look what the booklet for
YIQ(35.3200, 23.6070, 29.2310)
contains.

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Color

**YIQ(35.3200, 23.6070,
29.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0A3B
RGB	76, 10, 59
RGB Percent	30%, 4%, 23%
CMY	0.7018, 0.9609, 0.7686
CMYK	0.00, 0.87, 0.22, 0.70
HSL	315°, 77%, 17%
HSV	315°, 87%, 30%
XYZ	3.8823, 2.0709, 4.3347
YIQ	35.3200, 23.6070, 29.2310

Conversions

Conversions Part 2

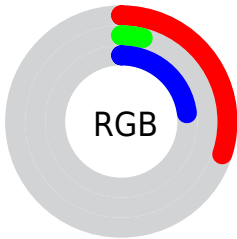
Format	Color
R_{YB}	76, 10, 59
Decimal	4983355
CIE _{Lab}	15.85, 34.89, -13.37
CIE _{LCh}	16, 37.364, 339.035
Yxy	2.0709, 0.3774, 0.2013
Android (android.graphics.Color)	4283173435 (0xFF4C0A3B)
YUV	35.3200, 11.6742, 35.6764
Hunter-Lab	14.3905, 22.9731, -7.7860

Details

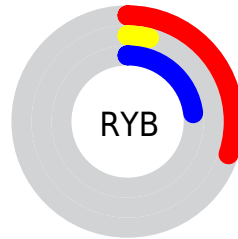
The YIQ color **35.3200, 23.6070, 29.2310** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.6800, -23.6070, -29.2310**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8640, 24.8910, 27.9870**, and **9.7830, 11.2770, 10.3890** is the 20% darker color. If you saturate the color by 10%, you get **30.3960, 26.4490, 32.7930**, and if you desaturate by 10%, it is **40.2440, 20.7650, 25.6690**.

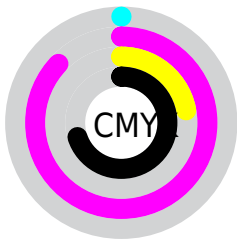
Distribution



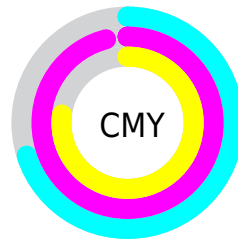
- Red (30%)
- Green (4%)
- Blue (23%)



- Red (30%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (87%)
- Yellow (22%)
- Black (70%)





- Cyan (70%)
- Magenta (96%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 35.3200, 23.6070, 29.2310 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 35.3200, 23.6070, 29.2310 by changing the saturation by 10% instead.


 35.3200, 23.6070,
29.2310

 35.3200, 23.6070,
29.2310


 250.8910, 1.9250,
3.6610


 19.7660, 19.1150,
22.5310


 86.1630, 25.4870,
28.1990


 10.0820, 11.8730,
10.6010

 111.5760, 25.7620,
28.7220

 0.0000, 0.0000,
0.0000

 137.5870, 27.2290,
29.6690


 164.2990, 28.1000,
30.4040


 191.8970, 29.2920,
30.8280


 215.8360, 22.0940,


29.1180


 234.4550, 9.6250,
18.3050


 35.3200, 23.6070,
29.2310


 35.3200, 23.6070,
29.2310


 30.3960, 26.4490,
32.7930


 40.2440, 20.7650,
25.6690

 29.1080, 27.3200,
33.5280

 44.5810, 18.1980,
22.6300

 49.5050, 15.3560,
19.0680

 53.8420, 12.7890,
16.0290

 58.7660, 9.9470,
12.4670

■ 63.6900, 7.1050,
8.9050

■ 68.0270, 4.5380,
5.8660

■ 72.9510, 1.6960,
2.3040

■ 77.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



40.3210, -4.4970, 20.9350



35.3200, 23.6070, 29.2310



30.3510, 39.5170, 27.2370

Triad

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



35.3200, 23.6070, 29.2310



36.9240, 14.3530, -12.3270



37.6720, -37.1830, -3.4470

Complementary

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



35.3200, 23.6070, 29.2310



50.6800, -23.6070, -29.2310

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.



35.2950, -29.1120, -12.0560



35.3200, 23.6070, 29.2310



31.7750, -4.5810, -21.6130

Square

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



35.3200, 23.6070, 29.2310



37.6320, 30.2150, -2.4330



31.5160, -19.8490, -20.2410



37.7350, -41.4940, 3.0980

Rectangle

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



35.3200, 23.6070, 29.2310



32.3970, 41.9030, 17.0310



31.5160, -19.8490, -20.2410



37.3470, -34.8900, -6.4580

Sweetspot

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



35.3200, 23.6070, 29.2310



83.6410, 8.8010, 11.2090



22.3080, -11.6500, 23.9180



41.1520, 5.6840, 7.1240



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



35.3200, 23.6070, 29.2310



38.0370, 35.2500, 44.0020



31.5580, 34.2000, 18.9680



35.5380, 1.4210, 1.7810



39.1620, 36.3960, 45.2600



88.1500, 82.5100, 101.6300

Inverse Universe

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



35.3200, 23.6070, 29.2310



38.0370, 35.2500, 44.0020



54.4420, -34.2000, -18.9680



35.5380, 1.4210, 1.7810



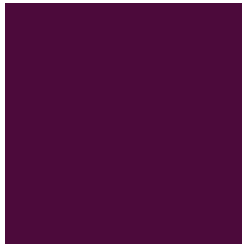
39.1620, 36.3960, 45.2600



88.1500, 82.5100, 101.6300

Previews

White Background



This preview shows how the YIQ color 35.3200, 23.6070, 29.2310 looks on a white background.

Color Contrast Check

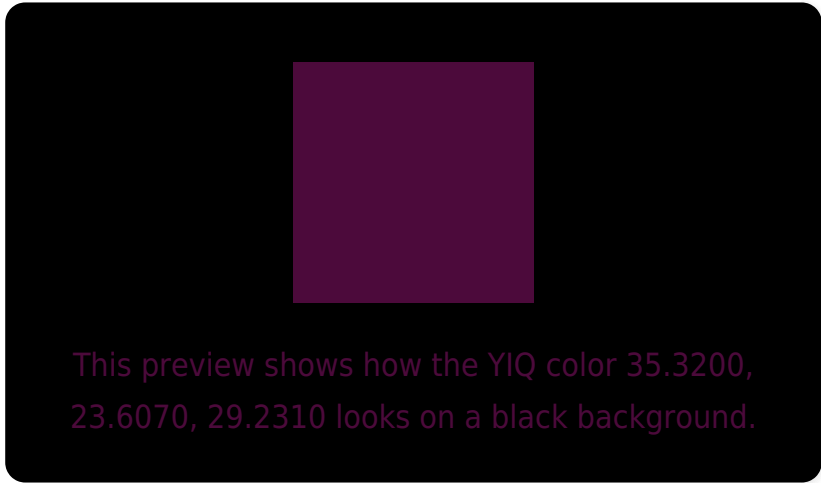
Large Text (above 18pt) WCAG AA ✓ Pass

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

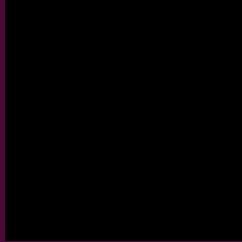
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.3200, 23.6070, 29.2310

Background



This preview shows how black text looks on a background with the YIQ color 35.3200, 23.6070, 29.2310.



This preview shows how white text looks on a background with the YIQ color 35.3200, 23.6070,

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

35.3200, 23.6070, 29.2310

Protanopia

38.4980, -27.4650, 7.6630

Deuteranopia

41.9980, -5.6860, 3.9300



Tritanopia

39.4660, 28.2870, 10.4870

Trichromacy



Original Color

35.3200, 23.6070, 29.2310

Protanomaly

37.4080, -9.3560, 15.3800

Deuteranomaly

39.5420, 4.7660, 12.7500

Tritanomaly

38.1980, 26.4060, 17.0460

Monochromacy



Original Color

35.3200, 23.6070, 29.2310

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.3200, 23.6070, 29.2310 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(76, 10, 59)` looks like.

```
.text, #text, p{  
    color:rgb(76, 10, 59)  
}
```

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(76, 10, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 10, 59) }
```

Border

The CSS property to change the border of an element to YIQ 35.3200, 23.6070, 29.2310 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(76, 10, 59) }
```


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

```
.border{ border-color:rgb(76, 10, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 10, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 10, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 10, 59);  
box-shadow:4px 4px 4px 4px rgb(76, 10, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.3200, 23.6070, 29.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 10, 59) }
```

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

```
.background{ background-color: rgb(76, 10,  
59) }
```

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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