

Converting Colors

YIQ(32.2100, 35.3000, 21.0600)

Have a look what the booklet for
YIQ(32.2100, 35.3000, 21.0600)
contains.

YIQ(32.2100, 35.3000, 21.0600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YIQ(32.2100, 35.3000,
21.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	4F091D
RGB	79, 9, 29
RGB Percent	31%, 4%, 11%
CMY	0.6900, 0.9648, 0.8861
CMYK	0.00, 0.89, 0.63, 0.69
HSL	343°, 80%, 17%
HSV	343°, 89%, 31%
XYZ	3.5478, 1.9478, 1.3534
YIQ	32.2100, 35.3000, 21.0600

Conversions

Conversions Part 2

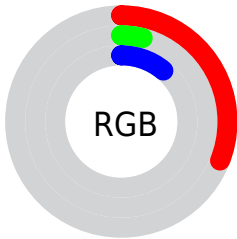
Format	Color
R_{YB}	79, 9, 29
Decimal	5179677
CIE Lab	15.21, 32.57, 7.48
CIE LCh	15, 33.418, 12.939
Yxy	1.9478, 0.5180, 0.2844
Android (android.graphics.Color)	4283369757 (0xFF4F091D)
YUV	32.2100, -1.5825, 41.0348
Hunter-Lab	13.9565, 20.9516, 4.0198

Details

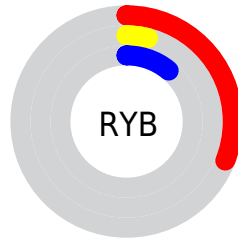
The YIQ color **32.2100, 35.3000, 21.0600** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.7900, -35.3000, -21.0600**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **82.8960, 39.0600, 18.9960**, and **7.2900, 13.9830, 5.3990** is the 20% darker color. If you saturate the color by 10%, you get **26.8300, 39.4260, 23.3780**, and if you desaturate by 10%, it is **37.5900, 31.1740, 18.7420**.

Distribution



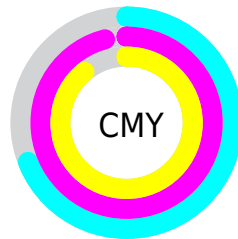
- Red (31%)
- Green (4%)
- Blue (11%)



- Red (31%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (89%)
- Yellow (63%)
- Black (69%)





- Cyan (69%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 32.2100, 35.3000, 21.0600 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 32.2100, 35.3000, 21.0600 by changing the saturation by 10% instead.


 32.2100, 35.3000,
21.0600


 32.2100, 35.3000,
21.0600


 250.3040, 2.2000,
4.1840


 16.6730, 32.1380,
12.2820


 82.8960, 39.0600,
18.9960


 7.5890, 14.5790,
5.6110

 108.0920, 41.4440,
19.8440

 0.0000, 0.0000,
0.0000


 133.9890, 43.2320,
20.4800


 160.7720, 45.3410,
20.8050


 188.6690, 47.1290,
21.4410


 210.5750, 35.5300,


16.8900


 230.2030, 18.8420,
10.9540


 32.2100, 35.3000,
21.0600


 32.2100, 35.3000,
21.0600


 26.8300, 39.4260,
23.3780


 37.5900, 31.1740,
18.7420

 26.2430, 39.7010,
23.9010

 42.8560, 27.3690,
16.1130

 48.2360, 23.2430,
13.7950

 53.6160, 19.1170,
11.4770

 58.2950, 15.5870,
9.3710

■ 63.6750, 11.4610,
7.0530

■ 69.0550, 7.3350,
4.7350

■ 74.3210, 3.5300,
2.1060

■ 79.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



35.5000, 22.9200, 25.1600



32.2100, 35.3000, 21.0600



33.9800, 38.2830, 5.5390

Triad

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



32.2100, 35.3000, 21.0600



30.0030, -5.2230, -20.9910



35.9910, -39.3390, 2.5890

Complementary

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



32.2100, 35.3000, 21.0600



55.7900, -35.3000, -21.0600

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.



36.1560, -35.6700, -3.3340



32.2100, 35.3000, 21.0600



30.7980, -20.5830, -17.9510

Square

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



32.2100, 35.3000, 21.0600



35.1410, 12.2440, -12.6520



33.6480, -28.6080, -10.1760



31.9960, -37.7350, 6.5610

Rectangle

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



32.2100, 35.3000, 21.0600



35.8710, 31.0400, -0.8640



33.6480, -28.6080, -10.1760



36.1220, -38.3300, 0.8220

Sweetspot

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



32.2100, 35.3000, 21.0600



83.2840, 14.1200, 8.4240



31.6310, 6.7340, 32.1580



40.2400, 8.2520, 4.6360



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.



32.2100, 35.3000, 21.0600



33.8040, 51.4830, 30.6430



38.1480, 37.8700, 7.5180



35.4240, 1.7420, 1.4700



76.2940, 115.8940, 69.2860

Inverse Universe

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



32.2100, 35.3000, 21.0600



33.8040, 51.4830, 30.6430



49.8520, -37.8700, -7.5180



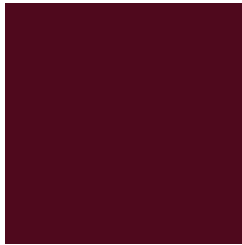
35.4240, 1.7420, 1.4700



76.2940, 115.8940, 69.2860

Previews

White Background



This preview shows how the YIQ color 32.2100, 35.3000, 21.0600 looks on a white background.

Color Contrast Check

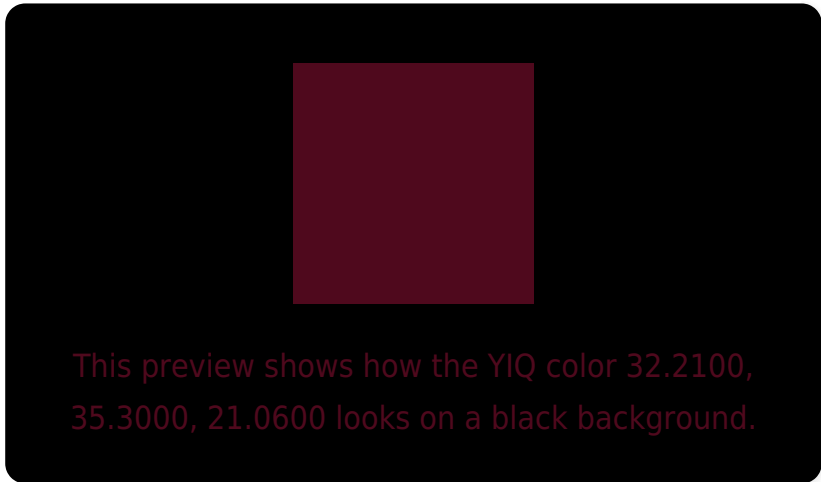
Large Text (above 18pt) WCAG AA ✓ Pass

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

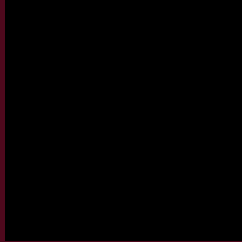
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.2100, 35.3000, 21.0600

Background



This preview shows how black text looks on a background with the YIQ color 32.2100, 35.3000, 21.0600.



This preview shows how white text looks on a background with the YIQ color 32.2100, 35.3000,

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

32.2100, 35.3000, 21.0600

Protanopia

41.1140, -0.3210, 0.3110

Deuteranopia

40.5080, 10.1330, -1.9230



Tritanopia

33.4350, 38.7400, 13.7800

Trichromacy



Original Color

32.2100, 35.3000, 21.0600

Protanomaly

37.6860, 12.9280, 8.0000

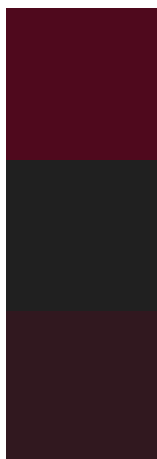
Deuteranomaly

37.4540, 19.3930, 6.4730

Tritanomaly

32.8310, 37.6850, 16.3810

Monochromacy



Original Color

32.2100, 35.3000, 21.0600

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

32.2730, 12.6530, 7.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.2100, 35.3000, 21.0600 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(79, 9, 29)` looks like.

```
.text, #text, p{  
    color:rgb(79, 9, 29)  
}
```

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(79, 9, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 9, 29) }
```

Border

The CSS property to change the border of an element to YIQ 32.2100, 35.3000, 21.0600 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(79, 9, 29) }
```

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

```
.border{ border-color:rgb(79, 9, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 9, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 9, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 9, 29); box-shadow:4px  
4px 4px 4px rgb(79, 9, 29) }
```

Background

The CSS property to change the background color of an element to YIQ 32.2100, 35.3000, 21.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 9, 29) }
```

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

```
.background{ background-color: rgb(79, 9,  
29) }
```

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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