

Converting Colors

YIQ(32.8460, 6.9660, 16.9340)

Have a look what the booklet for
YIQ(32.8460, 6.9660, 16.9340)
contains.

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Color

**YIQ(32.8460, 6.9660,
16.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	321436
RGB	50, 20, 54
RGB Percent	20%, 8%, 21%
CMY	0.8038, 0.9216, 0.7882
CMYK	0.07, 0.63, 0.00, 0.79
HSL	293°, 46%, 15%
HSV	293°, 63%, 21%
XYZ	2.2324, 1.4449, 3.6513
YIQ	32.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

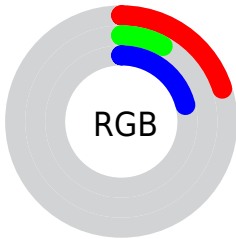
Format	Color
R_{YB}	50, 20, 54
Decimal	3281974
CIE _{Lab}	12.25, 21.41, -15.78
CIE _{LCh}	12, 26.596, 323.601
Yxy	1.4449, 0.3046, 0.1972
Android (android.graphics.Color)	4281472054 (0xFF321436)
YUV	32.8460, 10.4289, 15.0441
Hunter-Lab	12.0205, 12.1137, -9.5954

Details

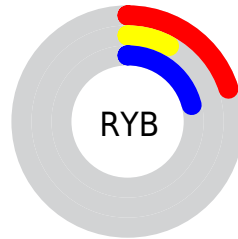
The YIQ color **32.8460, 6.9660, 16.9340** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.1540, -6.9660, -16.9340**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.3840, 8.3870, 18.7150**, and **0.6840, -1.9260, 1.8660** is the 20% darker color. If you saturate the color by 10%, you get **29.6120, 7.7450, 19.3370**, and if you desaturate by 10%, it is **36.0800, 6.1870, 14.5310**.

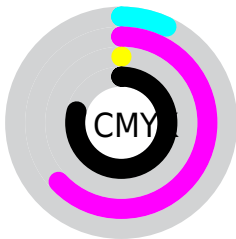
Distribution



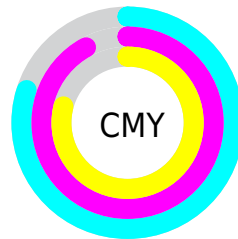
- Red (20%)
- Green (8%)
- Blue (21%)



- Red (20%)
- Yellow (8%)
- Blue (21%)



- Cyan (7%)
- Magenta (63%)
- Yellow (0%)
- Black (79%)



- Cyan (80%)
- Magenta (92%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.8460, 6.9660, 16.9340 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 32.8460, 6.9660, 16.9340 by changing the saturation by 10% instead.

■ 32.8460, 6.9660,
16.9340

■ 32.8460, 6.9660,
16.9340

■ 251.4780, 1.6500,
3.1380

■ 13.0310, 7.8830,
16.8350

■ 78.3840, 8.3870,
18.7150

■ 0.6840, -1.9260,
1.8660

■ 102.7970, 8.6620,
19.2380

■ 0.0000, 0.0000,
0.0000

■ 128.2100, 8.9370,
19.7610

■ 154.0360, 9.4870,
20.8070

■ 181.0360, 9.4870,
20.8070


■ 208.8620, 10.0370,


21.8530

 234.4550, 9.6250,
18.3050


 32.8460, 6.9660,
16.9340


 32.8460, 6.9660,
16.9340

 29.6120, 7.7450,
19.3370


 36.0800, 6.1870,
14.5310


 26.0900, 9.3950,
22.4750


 39.6020, 4.5370,
11.3930

 22.8560, 10.1740,
24.8780

 42.8360, 3.7580,
8.9900

 20.5080, 11.2740,
26.9700

 46.6570, 2.7040,
6.0640

 49.5920, 1.3290,
3.4490

■ 52.8260, 0.5500,
1.0460

■ 56.3480, -1.1000,
-2.0920

■ 59.5820, -1.8790,
-4.4950

■ 63.4030, -2.9330,
-7.4210

Harmonies

Analogous

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



31.4240, -15.4530, 10.2350



32.8460, 6.9660, 16.9340



30.3870, 21.5000, 17.8520

Triad

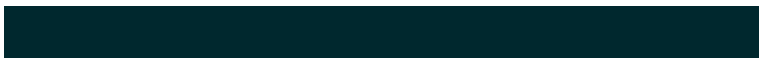
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.8460, 6.9660, 16.9340



30.7660, 17.9740, -6.3620



28.7240, -25.7660, -6.6140

Complementary

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



32.8460, 6.9660, 16.9340



41.1540, -6.9660, -16.9340

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.



26.5580, -19.6670, -12.5230



32.8460, 6.9660, 16.9340



28.9170, 7.0630, -12.3690

Square

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



32.8460, 6.9660, 16.9340



30.2560, 28.5180, 0.7900



23.7730, -10.2670, -17.6830



29.8470, -30.3060, -1.4260

Rectangle

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



32.8460, 6.9660, 16.9340



29.0300, 26.8190, 15.0670



23.7730, -10.2670, -17.6830



28.0400, -23.8400, -8.4800

Sweetspot

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



32.8460, 6.9660, 16.9340



63.0700, 2.9790, 6.5870



26.8110, -12.2890, 7.9590



30.4180, 1.8790, 4.4950



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



32.8460, 6.9660, 16.9340



37.5080, 11.2740, 26.9700



32.6740, 13.2020, 14.0500



26.2390, 0.8250, 1.5690



34.7070, 18.7440, 45.7840



82.9720, 45.3250, 109.2370

Inverse Universe

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



30.6220, 18.9800, 8.4520



33.8300, 30.2580, 13.3140



41.3260, -13.2020, -14.0500



26.0110, 1.4670, 0.9470



28.7620, 51.3010, 22.9250



68.4450, 122.1780, 54.5140

Previews

White Background



This preview shows how the YIQ color 32.8460, 6.9660, 16.9340 looks on a white background.

Color Contrast Check

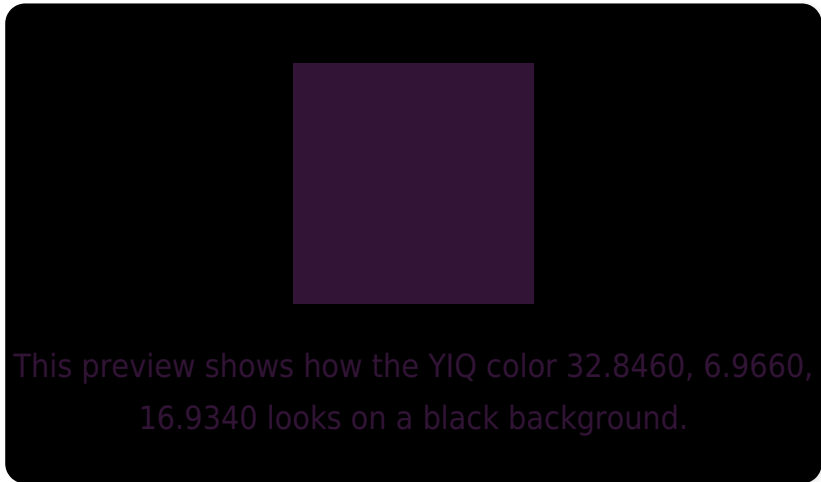
Large Text (above 18pt) WCAG AA ✓ Pass

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

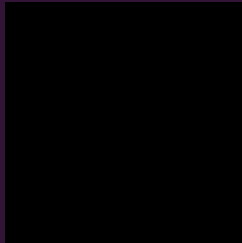
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.8460, 6.9660, 16.9340

Background



This preview shows how black text looks on a background with the YIQ color 32.8460, 6.9660, 16.9340.



This preview shows how white text looks on a background with the YIQ color 32.8460, 6.9660,

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

32.8460, 6.9660, 16.9340

Protanopia

29.4830, -23.1090, 5.8110

Deuteranopia

32.1760, -12.0590, 3.7890



Tritanopia

33.2080, 11.2780, 4.8620

Trichromacy



Original Color

32.8460, 6.9660, 16.9340

Protanomaly

30.8650, -12.3810, 9.6270

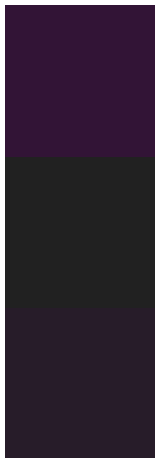
Deuteranomaly

32.3450, -5.0450, 8.8350

Tritanomaly

32.7720, 9.8100, 9.4420

Monochromacy



Original Color

32.8460, 6.9660, 16.9340

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.7710, 2.3830, 6.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.8460, 6.9660, 16.9340 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(50, 20, 54)` looks like.

```
.text, #text, p{  
    color:rgb(50, 20, 54)  
}
```

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(50, 20, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 20, 54) }
```

Border

The CSS property to change the border of an element to YIQ 32.8460, 6.9660, 16.9340 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(50, 20, 54) }
```


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

```
.border{ border-color:rgb(50, 20, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 20, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 20, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 20, 54);  
box-shadow:4px 4px 4px 4px rgb(50, 20, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.8460, 6.9660, 16.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 20, 54) }
```

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

```
.background{ background-color: rgb(50, 20,  
54) }
```

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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