

Converting Colors

YIQ(28.3920, -29.6220, 19.2260)

Have a look what the booklet for
YIQ(28.3920, -29.6220, 19.2260)
contains.

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Color

**YIQ(28.3920, -29.6220,
19.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	0C185E
RGB	12, 24, 94
RGB Percent	5%, 9%, 37%
CMY	0.9529, 0.9059, 0.6315
CMYK	0.87, 0.74, 0.00, 0.63
HSL	231°, 77%, 21%
HSV	231°, 87%, 37%
XYZ	2.4968, 1.5390, 10.7448
YIQ	28.3920, -29.6220, 19.2260

Conversions

Conversions Part 2

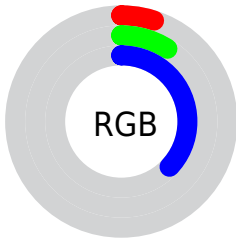
Format	Color
R_{YB}	12, 22, 94
Decimal	792670
CIE _{Lab}	12.85, 24.26, -42.67
CIE _{LCh}	13, 49.089, 299.622
Yxy	1.5390, 0.1689, 0.1041
Android (android.graphics.Color)	4278982750 (0xFF0C185E)
YUV	28.3920, 32.3447, -14.3758
Hunter-Lab	12.4058, 14.2153, -42.6678

Details

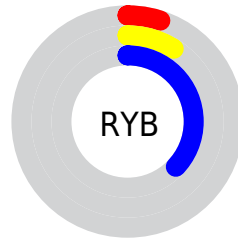
The YIQ color **28.3920, -29.6220, 19.2260** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **77.6080, 29.6220, -19.2260**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3870, -22.0580, 25.3180**, and **7.7060, -16.1870, 12.5250** is the 20% darker color. If you saturate the color by 10%, you get **21.0050, -32.7860, 21.5020**, and if you desaturate by 10%, it is **35.7790, -26.4580, 16.9500**.

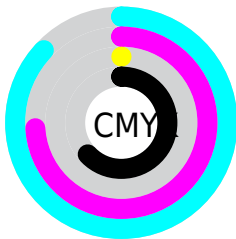
Distribution



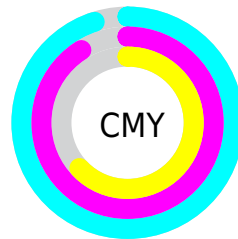
- Red (5%)
- Green (9%)
- Blue (37%)



- Red (5%)
- Yellow (9%)
- Blue (37%)



- Cyan (87%)
- Magenta (74%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (91%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.3920, -29.6220, 19.2260 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 28.3920, -29.6220, 19.2260 by changing the saturation by 10% instead.

■ 28.3920, -29.6220,
19.2260

■ 28.3920, -29.6220,
19.2260

■ 252.6520, 1.1000,
2.0920

■ 7.9800, -22.4700,
21.7700

■ 77.3870, -22.0580,
25.3180

■ 7.7060, -16.1870,
12.5250

■ 102.6260,
-21.2330, 26.8870

■ 3.4370, -8.3000,
7.2520

■ 127.9790,
-20.7290, 28.7670

■ 0.0000, 0.0000,
0.0000

■ 154.5060,
-20.7750, 29.6010

■ 181.2180,
-19.9040, 30.3360

■ 206.3250,

-10.3200, 21.8400

■ 230.8450, -0.4610,
13.8670

■ 28.3920, -29.6220,
19.2260

■ 28.3920, -29.6220,
19.2260

■ 21.0050, -32.7860,
21.5020

■ 35.7790, -26.4580,
16.9500

■ 18.9340, -34.0240,
21.9120

■ 43.4650, -22.6980,
14.8860

■ 50.8520, -19.5340,
12.6100

■ 58.5380, -15.7740,
10.5460

■ 65.9250, -12.6100,
8.2700

■ 73.3120, -9.4460,
5.9940

■ 80.9980, -5.6860,
3.9300

■ 88.3850, -2.5220,
1.6540

■ 96.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



34.6350, -43.7880, 11.6360



28.3920, -29.6220, 19.2260



28.9810, 20.4880, 36.2000

Triad

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



28.3920, -29.6220, 19.2260



28.5500, 36.6780, 7.0940



31.2370, -23.1970, -14.6290

Complementary

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



28.3920, -29.6220, 19.2260



77.6080, 29.6220, -19.2260

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.



26.4150, -12.3750, -23.5350



28.3920, -29.6220, 19.2260



31.6410, 16.8280, -7.6200

Square

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



28.3920, -29.6220, 19.2260



25.4150, 50.6600, 18.0200



24.3770, -9.2120, -20.2840



35.2270, -34.4320, -3.7440

Rectangle

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



28.3920, -29.6220, 19.2260



30.4740, 34.9770, 32.4250



24.3770, -9.2120, -20.2840



29.2820, -19.0700, -17.8380

Sweetspot

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



28.3920, -29.6220, 19.2260



96.8820, -11.0510, 7.5490



68.1140, -45.0200, -21.1160



45.9270, -6.9240, 4.3400



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



28.3920, -29.6220, 19.2260



24.4740, -44.1120, 28.5280



30.0190, -9.0380, 31.6500



42.1570, -1.8800, 1.0320



21.9320, -39.7100, 25.8420



47.5630, -85.7020, 55.4020

Inverse Universe

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



37.8860, 45.0200, 21.1160



38.5300, 66.9340, 31.4620



75.9810, 9.0380, -31.6500



42.6090, 2.6590, 1.3710



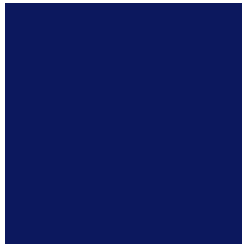
34.7140, 60.4240, 28.2960



74.8530, 130.0170, 61.1290

Previews

White Background



This preview shows how the YIQ color 28.3920, -29.6220, 19.2260 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

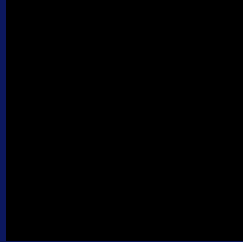
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.3920, -29.6220, 19.2260

Background



This preview shows how black text looks on a background with the YIQ color 28.3920, -29.6220, 19.2260.



This preview shows how white text looks on a background with the YIQ color 28.3920, -29.6220,

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

28.3920, -29.6220, 19.2260

Protanopia

27.3510, -31.5450, 4.5110

Deuteranopia

27.2710, -28.5640, 0.0440



Tritanopia

26.8660, -23.2900, -7.4340

Trichromacy



Original Color

28.3920, -29.6220, 19.2260

Protanomaly

27.8120, -31.2250, 9.7270

Deuteranomaly

27.6010, -29.2530, 7.0270

Tritanomaly

27.4070, -25.9510, 2.2490

Monochromacy



Original Color

28.3920, -29.6220, 19.2260

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.3550, -11.0050, 6.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.3920, -29.6220, 19.2260 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(12, 24, 94)` looks like.

```
.text, #text, p{  
    color:rgb(12, 24, 94)  
}
```

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(12, 24, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 24, 94) }
```

Border

The CSS property to change the border of an element to YIQ 28.3920, -29.6220, 19.2260 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(12, 24, 94) }
```


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

```
.border{ border-color:rgb(12, 24, 94) }
```

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

Here you see how a box with a 4 pixel rgb(12, 24, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 24, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 24, 94);  
box-shadow:4px 4px 4px 4px rgb(12, 24, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.3920, -29.6220, 19.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 24, 94) }
```

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

```
.background{ background-color: rgb(12, 24,  
94) }
```

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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