

Converting Colors

YIQ(13.2120, -28.9350, 23.2970)

Have a look what the booklet for
YIQ(13.2120, -28.9350, 23.2970)
contains.

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Color

**YIQ(13.2120, -28.9350,
23.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	000655
RGB	0, 6, 85
RGB Percent	0%, 2%, 33%
CMY	0.9999, 0.9765, 0.6668
CMYK	1.00, 0.93, 0.00, 0.67
HSL	236°, 100%, 17%
HSV	236°, 100%, 33%
XYZ	1.7032, 0.7855, 8.6468
YIQ	13.2120, -28.9350, 23.2970

Conversions

Conversions Part 2

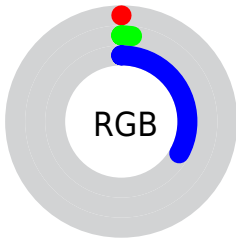
Format	Color
RYB	0, 6, 85
Decimal	1621
CIELab	7.10, 31.29, -46.15
CIELCh	7, 55.755, 304.140
Yxy	0.7855, 0.1529, 0.0705
Android (android.graphics.Color)	4278191701 (0xFF000655)
YUV	13.2120, 35.3915, -11.5869
Hunter-Lab	8.8630, 18.7915, -51.6398

Details

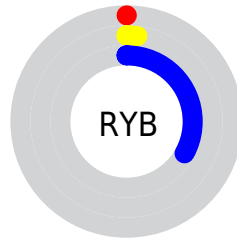
The YIQ color **13.2120, -28.9350, 23.2970** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **71.7880, 28.9350, -23.2970**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **64.0010, -17.7950, 30.6610**, and **6.0930, -13.0230, 10.2490** is the 20% darker color. If you saturate the color by 10%, you get **13.2120, -28.9350, 23.2970**, and if you desaturate by 10%, it is **20.5990, -25.7710, 21.0210**.

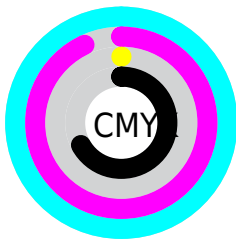
Distribution



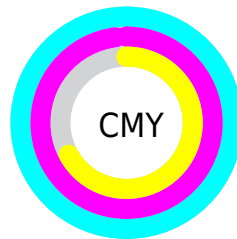
- Red (0%)
- Green (2%)
- Blue (33%)



- Red (0%)
- Yellow (2%)
- Blue (33%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.2120, -28.9350, 23.2970 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 13.2120, -28.9350, 23.2970 by changing the saturation by 10% instead.

■ 13.2120, -28.9350,
23.2970

■ 13.2120, -28.9350,
23.2970

■ 240.3250, 6.8750,
13.0750

■ 6.9540, -19.5810,
18.9710

■ 64.0010, -17.7950,
30.6610

■ 6.0930, -13.0230,
10.2490

■ 88.5390, -16.3740,
32.4420

■ 2.2970, -5.0900,
4.1420

■ 113.8920,
-15.8700, 34.3220

■ 0.0000, 0.0000,
0.0000

■ 139.8320,
-15.6410, 35.6790

■ 166.7720,
-15.4120, 37.0360

■ 192.2040, -8.1210,

31.5510

■ 216.7240, 1.7380,
23.5780

■ 13.2120, -28.9350,
23.2970

■ 20.5990, -25.7710,
21.0210

■ 27.6870, -23.2030,
18.5330

■ 35.0740, -20.0390,
16.2570

■ 42.1620, -17.4710,
13.7690

■ 48.6630, -14.6280,
11.8040

■ 56.0500, -11.4640,
9.5280

■ 63.1380, -8.8960,
7.0400

■ 70.5250, -5.7320,
4.7640

■ 77.6130, -3.1640,
2.2760

Harmonies

Analogous

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



27.7220, -39.4790, 16.1450



13.2120, -28.9350, 23.2970



25.7050, 21.0850, 30.8850

Triad

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



13.2120, -28.9350, 23.2970



16.7220, 30.4420, 9.9780



22.3350, -17.4210, -9.1730

Complementary

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



13.2120, -28.9350, 23.2970



71.7880, 28.9350, -23.2970

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.



18.7840, -8.8000, -16.7360



13.2120, -28.9350, 23.2970



20.6770, 7.9790, -6.9410

Square

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



13.2120, -28.9350, 23.2970



21.5280, 42.9120, 15.2640



18.7840, -8.8000, -16.7360



27.7270, -29.8480, 1.2880

Rectangle

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



13.2120, -28.9350, 23.2970



26.5570, 35.9410, 25.9650



18.7840, -8.8000, -16.7360



20.6250, -12.6060, -13.8380

Sweetspot

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



13.2120, -28.9350, 23.2970



81.9360, -11.1430, 9.2170



58.7870, -48.4130, -20.1970



38.8670, -6.6950, 5.6970



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



13.2120, -28.9350, 23.2970



17.2360, -37.5100, 30.0260



20.1550, -6.4250, 33.8550



39.4560, -1.2840, 1.2440



16.8940, -36.5470, 29.0930



36.7690, -80.1100, 64.1940

Inverse Universe

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



26.0990, 48.7340, 19.8860



33.8020, 62.9920, 25.8080



64.8450, 6.4250, -33.8550



40.1960, 2.3840, 0.8480



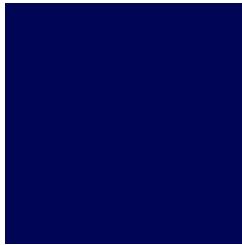
32.9050, 61.2040, 25.1720



72.2030, 134.6030, 55.1070

Previews

White Background



This preview shows how the YIQ color 13.2120, -28.9350, 23.2970 looks on a white background.

Color Contrast Check

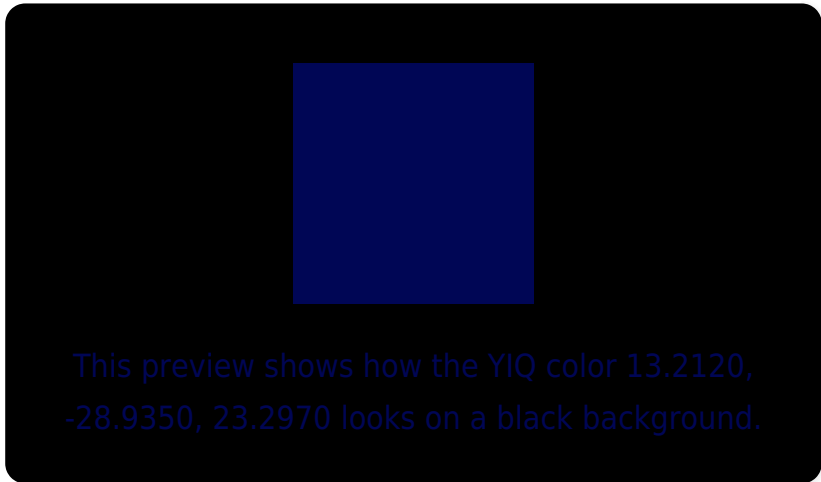
Large Text (above 18pt) WCAG AA ✓ Pass

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

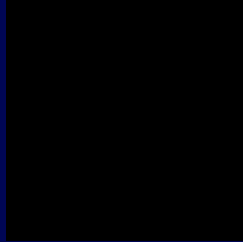
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 13.2120, -28.9350, 23.2970

Background



This preview shows how black text looks on a background with the YIQ color 13.2120, -28.9350, 23.2970.



This preview shows how white text looks on a background with the YIQ color 13.2120, -28.9350,

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

13.2120, -28.9350, 23.2970

Protanopia

20.7170, -23.8880, 3.4080

Deuteranopia

20.9790, -21.8700, -0.1260



Tritanopia

20.4430, -17.6050, -5.8370

Trichromacy



Original Color

13.2120, -28.9350, 23.2970

Protanomaly

17.9760, -25.8150, 10.8010

Deuteranomaly

17.9930, -24.4850, 8.7230

Tritanomaly

18.0270, -21.8250, 4.5670

Monochromacy



Original Color

13.2120, -28.9350, 23.2970

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

12.7080, -10.5010, 8.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.2120, -28.9350, 23.2970 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(0, 6, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 85)  
}
```

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(0, 6, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 85) }
```

Border

The CSS property to change the border of an element to YIQ 13.2120, -28.9350, 23.2970 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(0, 6, 85) }
```


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

```
.border{ border-color:rgb(0, 6, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 6, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 85); box-shadow:4px  
4px 4px 4px rgb(0, 6, 85) }
```

Background

The CSS property to change the background color of an element to YIQ 13.2120, -28.9350, 23.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 85) }
```

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

```
.background{ background-color: rgb(0, 6,  
85) }
```

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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