

Converting Colors

YIQ(29.0750, -29.8070, 28.0890)

Have a look what the booklet for
YIQ(29.0750, -29.8070, 28.0890)
contains.

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Color

**YIQ(29.0750, -29.8070,
28.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	12136E
RGB	18, 19, 110
RGB Percent	7%, 7%, 43%
CMY	0.9293, 0.9255, 0.5688
CMYK	0.84, 0.83, 0.00, 0.57
HSL	239°, 72%, 25%
HSV	239°, 84%, 43%
XYZ	3.2944, 1.7192, 14.8963
YIQ	29.0750, -29.8070, 28.0890

Conversions

Conversions Part 2

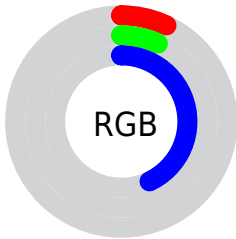
Format	Color
R _Y B	18, 19, 110
Decimal	1184622
CIE Lab	13.94, 33.98, -51.44
CIE LCh	14, 61.645, 303.447
Yxy	1.7192, 0.1655, 0.0864
Android (android.graphics.Color)	4279374702 (0xFF12136E)
YUV	29.0750, 39.8960, -9.7128
Hunter-Lab	13.1120, 21.9030, -58.1801

Details

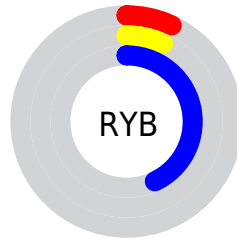
The YIQ color **29.0750, -29.8070, 28.0890** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **98.9250, 29.8070, -28.0890**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7820, -21.3720, 34.9160**, and **6.9540, -19.5810, 18.9710** is the 20% darker color. If you saturate the color by 10%, you get **19.3290, -33.3380, 31.5100**, and if you desaturate by 10%, it is **38.8210, -26.2760, 24.6680**.

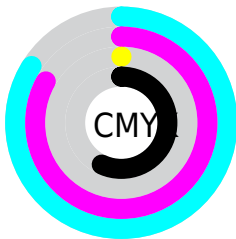
Distribution



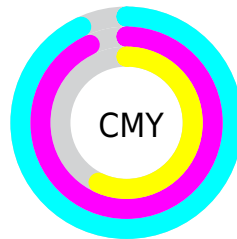
- Red (7%)
- Green (7%)
- Blue (43%)



- Red (7%)
- Yellow (7%)
- Blue (43%)



- Cyan (84%)
- Magenta (83%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (93%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.0750, -29.8070, 28.0890 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 29.0750, -29.8070, 28.0890 by changing the saturation by 10% instead.

■ 29.0750, -29.8070,
28.0890

■ 29.0750, -29.8070,
28.0890

■ 250.8910, 1.9250,
3.6610

■ 9.6900, -27.2850,
26.4350

■ 79.7820, -21.3720,
34.9160

■ 6.9540, -19.5810,
18.9710

■ 105.3200,
-19.9510, 36.6970

■ 6.0930, -13.0230,
10.2490

■ 131.2600,
-19.7220, 38.0540

■ 2.2970, -5.0900,
4.1420

■ 158.2000,
-19.4930, 39.4110

■ 0.0000, 0.0000,
0.0000

■ 183.0450,
-11.9270, 34.4490

■ 207.5650, -2.0680,

26.4760

■ 232.9710, 8.1120,
18.1920

■ 29.0750, -29.8070,
28.0890

■ 29.0750, -29.8070,
28.0890

■ 19.3290, -33.3380,
31.5100

■ 38.8210, -26.2760,
24.6680

■ 13.1270, -35.5850,
33.6870

■ 48.5670, -22.7450,
21.2470

■ 58.3130, -19.2140,
17.8260

■ 68.0590, -15.6830,
14.4050

■ 77.2180, -11.8770,
11.5070

■ 86.9640, -8.3460,
8.0860

■ 96.7100, -4.8150,
4.6650

■ 106.4560, -1.2840,
1.2440

■ 116.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



38.9040, -51.6750, 16.9090



29.0750, -29.8070, 28.0890



34.2640, 27.1810, 41.5570

Triad

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



29.0750, -29.8070, 28.0890



29.7570, 40.5290, 8.8890



34.4970, -26.8650, -14.2330

Complementary

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



29.0750, -29.8070, 28.0890



98.9250, 29.8070, -28.0890

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.



28.7630, -13.4750, -25.6270



29.0750, -29.8070, 28.0890



33.3910, 14.5360, -10.1360

Square

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



29.0750, -29.8070, 28.0890



29.0030, 57.8120, 20.5640



26.4150, -12.3750, -23.5350



39.9860, -40.9430, -1.3830

Rectangle

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



29.0750, -29.8070, 28.0890



35.5570, 45.1090, 36.0290



26.4150, -12.3750, -23.5350



32.6730, -21.7290, -19.2090

Sweetspot

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



29.0750, -29.8070, 28.0890



111.1040, -11.5560, 11.1960



82.2640, -54.1900, -20.1260



52.3940, -6.7410, 6.5310



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



29.0750, -29.8070, 28.0890



17.4760, -46.4530, 43.4270



41.6440, -3.3080, 37.9400



51.2710, -2.2010, 1.3430



14.2670, -38.7950, 36.7970



29.9190, -80.1120, 75.2480

Inverse Universe

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



45.6220, 54.5110, 19.8150



42.9850, 84.5860, 30.9380



86.3560, 3.3080, -37.9400



51.9080, 3.2550, 1.5830



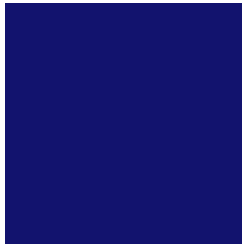
35.9940, 71.1990, 25.7510



74.1950, 146.2490, 53.2970

Previews

White Background



This preview shows how the YIQ color 29.0750, -29.8070, 28.0890 looks on a white background.

Color Contrast Check

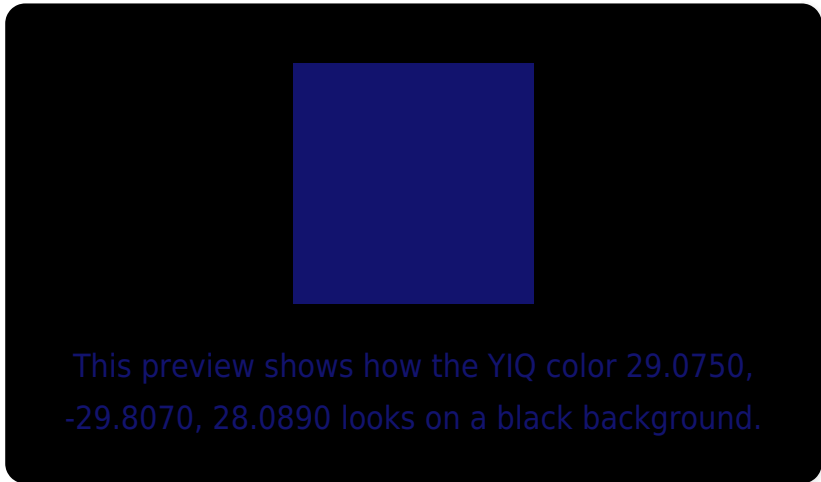
Large Text (above 18pt) WCAG AA ✓ Pass

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

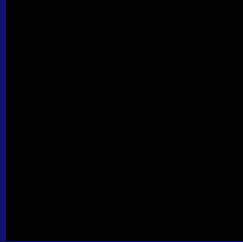
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.0750, -29.8070, 28.0890

Background



This preview shows how black text looks on a background with the YIQ color 29.0750, -29.8070, 28.0890.



This preview shows how white text looks on a background with the YIQ color 29.0750, -29.8070,

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

29.0750, -29.8070, 28.0890

Protanopia

29.6820, -33.9750, 4.4970

Deuteranopia

29.6020, -30.9940, 0.0300



Tritanopia

28.9690, -25.0780, -8.0700

Trichromacy



Original Color

29.0750, -29.8070, 28.0890

Protanomaly

29.7350, -32.3260, 13.1620

Deuteranomaly

29.5240, -30.3540, 10.4620

Tritanomaly

29.1020, -26.4100, 5.0620

Monochromacy



Original Color

29.0750, -29.8070, 28.0890

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.7620, -10.5930, 10.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.0750, -29.8070, 28.0890 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(18, 19, 110)` looks like.

```
.text, #text, p{  
    color:rgb(18, 19, 110)  
}
```

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(18, 19, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 19, 110) }
```

Border

The CSS property to change the border of an element to YIQ 29.0750, -29.8070, 28.0890 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(18, 19, 110) }
```


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

```
.border{ border-color:rgb(18, 19, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 19, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 19, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 19, 110);  
box-shadow:4px 4px 4px 4px rgb(18, 19,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 29.0750, -29.8070, 28.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 19, 110) }
```

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

```
.background{ background-color: rgb(18, 19,  
110) }
```

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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