

Converting Colors

YIQ(29.7180, -25.6290, -3.5890)

Have a look what the booklet for
YIQ(29.7180, -25.6290, -3.5890)
contains.

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Color

**YIQ(29.7180, -25.6290,
-3.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	032734
RGB	3, 39, 52
RGB Percent	1%, 15%, 20%
CMY	0.9883, 0.8470, 0.7962
CMYK	0.94, 0.25, 0.00, 0.80
HSL	196°, 89%, 11%
HSV	196°, 94%, 20%
XYZ	1.3825, 1.7189, 3.5044
YIQ	29.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

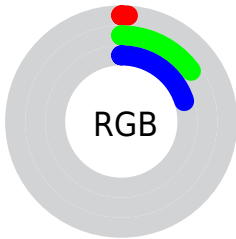
Format	Color
R_{YB}	3, 24, 52
Decimal	206644
CIE Lab	13.94, -6.99, -12.00
CIE LCh	14, 13.888, 239.793
Yxy	1.7189, 0.2093, 0.2602
Android (android.graphics.Color)	4278396724 (0xFF032734)
YUV	29.7180, 10.9850, -23.4317
Hunter-Lab	13.1108, -4.1215, -6.6699

Details

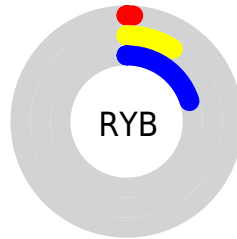
The YIQ color **29.7180, -25.6290, -3.5890** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.2820, 25.6290, 3.5890**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.4410, -23.2910, -1.9070**, and **0.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **28.2340, -27.1420, -3.7020**, and if you desaturate by 10%, it is **31.8000, -22.9240, -3.0520**.

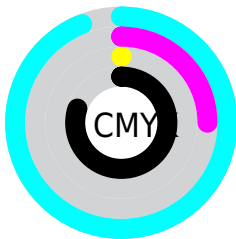
Distribution



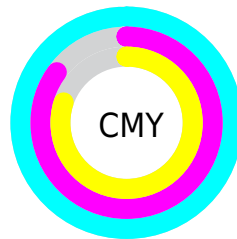
- Red (1%)
- Green (15%)
- Blue (20%)



- Red (1%)
- Yellow (9%)
- Blue (20%)



- Cyan (94%)
- Magenta (25%)
- Yellow (0%)
- Black (80%)



- Cyan (99%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.7180, -25.6290, -3.5890 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 29.7180, -25.6290, -3.5890 by changing the saturation by 10% instead.

■ 29.7180, -25.6290,
-3.5890

■ 29.7180, -25.6290,
-3.5890

■ 249.9170,
-10.1320, -3.6040

■ 14.6870, -15.1760,
-0.2960

■ 76.3270, -22.9700,
-2.2180

■ 0.4560, -1.2840,
1.2440

■ 100.4410,
-23.2910, -1.9070

■ 0.0000, 0.0000,
0.0000


■ 125.5550,
-23.6120, -1.5960


■ 152.2560,
-24.2080, -1.8080


■ 179.2560,
-24.2080, -1.8080


■ 206.3700,


-24.5290, -1.4970


 234.5010,
-23.5200, -3.2640


 29.7180, -25.6290,
-3.5890


 29.7180, -25.6290,
-3.5890


 28.2340, -27.1420,
-3.7020

 31.8000, -22.9240,
-3.0520

 34.4690, -20.4940,
-3.0380

 36.8500, -17.1930,
-2.2890

 39.5190, -14.7630,
-2.2750

 41.6010, -12.0580,
-1.7380

■ 43.6830, -9.3530,
-1.2010

■ 46.3520, -6.9230,
-1.1870

■ 48.7330, -3.6220,
-0.4380

■ 50.8150, -0.9170,
0.0990

Harmonies

Analogous

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



28.6100, -25.4450, -6.9250



29.7180, -25.6290, -3.5890



33.6810, -15.0390, 2.7290

Triad

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



29.7180, -25.6290, -3.5890



36.3870, 12.3320, 7.7880



33.9260, 2.8440, -7.4920

Complementary

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



29.7180, -25.6290, -3.5890



25.2820, 25.6290, 3.5890

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.



34.8130, 10.5920, -4.7360



29.7180, -25.6290, -3.5890



36.1330, 15.8630, 4.3670

Square

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



29.7180, -25.6290, -3.5890



37.0920, 5.9130, 8.4810



35.3130, 15.1760, 0.2960



32.3100, -7.1050, -8.9050

Rectangle

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



29.7180, -25.6290, -3.5890



35.6820, -7.6120, 5.7960



35.3130, 15.1760, 0.2960



34.1220, 5.2280, -6.6440

Sweetspot

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



29.7180, -25.6290, -3.5890



57.6830, -9.3530, -1.2010



33.1310, -17.3270, -21.8950



27.9500, -5.7310, -0.7630



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



29.7180, -25.6290, -3.5890



36.2870, -34.6610, -5.1010



15.6300, -19.0290, 8.9630



24.5160, -1.5130, -0.1130



48.8880, -46.7190, -6.8390



118.0710, -113.3820, -15.6700

Inverse Universe

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



21.7550, 17.6480, 21.5840



25.3200, 23.6070, 29.2310



39.3700, 19.0290, -8.9630



24.1250, 1.1460, 1.2580



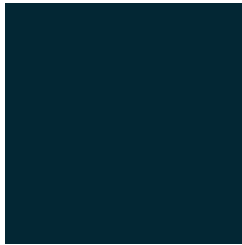
34.1350, 31.8580, 39.3940



83.0090, 78.2930, 95.4530

Previews

White Background



This preview shows how the YIQ color 29.7180, -25.6290, -3.5890 looks on a white background.

Color Contrast Check

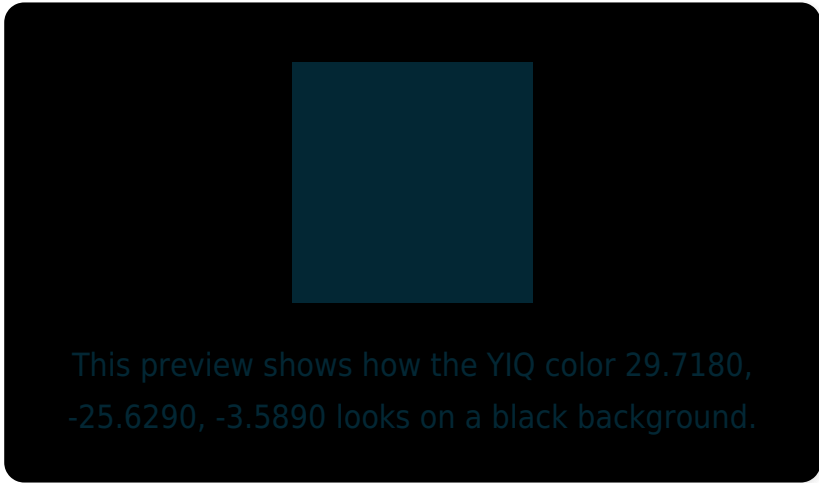
Large Text (above 18pt) WCAG AA ✓ Pass

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

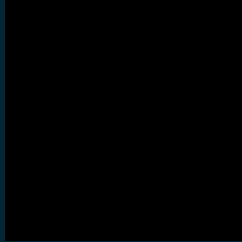
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

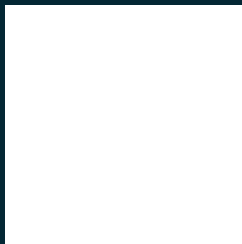
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 29.7180, -25.6290, -3.5890

Background



This preview shows how black text looks on a background with the YIQ color 29.7180, -25.6290, -3.5890.



This preview shows how white text looks on a background with the YIQ color 29.7180, -25.6290,

-3.5890.

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

29.7180, -25.6290, -3.5890

Protanopia

36.2860, -6.5570, 3.1950

Deuteranopia

35.8450, -9.6290, 3.8030



Tritanopia

28.3820, -24.8030, -7.5470

Trichromacy



Original Color

29.7180, -25.6290, -3.5890

Protanomaly

33.6980, -13.7090, 0.6510

Deuteranomaly

33.7410, -15.2680, 1.3720

Tritanomaly

29.0230, -25.1700, -6.4020

Monochromacy



Original Color

29.7180, -25.6290, -3.5890

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.6830, -9.3530, -1.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.7180, -25.6290, -3.5890 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(3, 39, 52)` looks like.

```
.text, #text, p{  
    color:rgb(3, 39, 52)  
}
```

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(3, 39, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 39, 52) }
```

Border

The CSS property to change the border of an element to YIQ 29.7180, -25.6290, -3.5890 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(3, 39, 52) }
```


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

```
.border{ border-color:rgb(3, 39, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 39, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 39, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 39, 52); box-shadow:4px  
4px 4px 4px rgb(3, 39, 52) }
```

Background

The CSS property to change the background color of an element to YIQ 29.7180, -25.6290, -3.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 39, 52) }
```

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

```
.background{ background-color: rgb(3, 39,  
52) }
```

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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