

Converting Colors

YIQ(35.2370, -23.1970,
-14.6290)

Have a look what the booklet for
YIQ(35.2370, -23.1970, -14.6290)
contains.

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Color

**YIQ(35.2370, -23.1970,
-14.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	043324
RGB	4, 51, 36
RGB Percent	2%, 20%, 14%
CMY	0.9844, 0.7999, 0.8589
CMYK	0.92, 0.00, 0.29, 0.80
HSL	161°, 86%, 11%
HSV	161°, 92%, 20%
XYZ	1.5525, 2.5222, 2.0724
YIQ	35.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

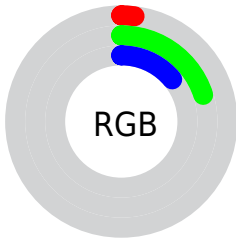
Format	Color
R_YB	4, 32, 51
Decimal	275236
CIE Lab	18.02, -19.77, 5.25
CIE LCh	18, 20.457, 165.118
Yxy	2.5222, 0.2526, 0.4103
Android (android.graphics.Color)	4278465316 (0xFF043324)
YUV	35.2370, 0.3762, -27.3948
Hunter-Lab	15.8816, -10.3435, 3.3801

Details

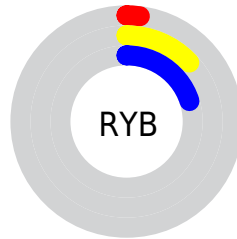
The YIQ color **35.2370, -23.1970, -14.6290** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.7630, 23.1970, 14.6290**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7920, -20.4460, -14.9260**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.9270, -25.2600, -15.7880**, and if you desaturate by 10%, it is **36.9600, -20.8590, -12.9470**.

Distribution



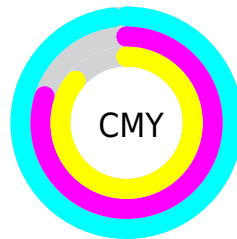
- Red (2%)
- Green (20%)
- Blue (14%)



- Red (2%)
- Yellow (13%)
- Blue (20%)



- Cyan (92%)
- Magenta (0%)
- Yellow (29%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.2370, -23.1970, -14.6290 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 35.2370, -23.1970, -14.6290 by changing the saturation by 10% instead.

■ 35.2370, -23.1970,
-14.6290

■ 35.2370, -23.1970,
-14.6290

■ 250.5150, -8.9400,
-3.1800

■ 19.9070, -13.3400,
-11.5480

■ 82.7920, -20.4460,
-14.9260

■ 0.0000, 0.0000,
0.0000

■ 107.4930,
-21.0420, -15.1380


■ 133.0800,
-21.3170, -15.6610


■ 159.6670,
-21.5920, -16.1840


■ 186.6670,
-21.5920, -16.1840


■ 214.2540,


-21.8670, -16.7070


 239.9060,
-20.7670, -14.6150


 35.2370, -23.1970,
-14.6290


 35.2370, -23.1970,
-14.6290


 33.9270, -25.2600,
-15.7880

 36.9600, -20.8590,
-12.9470

 38.5690, -18.2000,
-11.5760

 40.2920, -15.8620,
-9.8940

 42.0150, -13.5240,
-8.2120

 43.6240, -10.8650,
-6.8410

■ 45.6460, -7.9310,
-4.9470

■ 47.2550, -5.2720,
-3.5760

■ 48.9780, -2.9340,
-1.8940

■ 50.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



39.9420, -3.2530, -12.6370



35.2370, -23.1970, -14.6290



36.3380, -30.6710, -11.3350

Triad

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



35.2370, -23.1970, -14.6290



43.3160, -15.2690, 6.8990



43.6130, 23.1990, 3.5750

Complementary

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



35.2370, -23.1970, -14.6290



19.7630, 23.1970, 14.6290

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.



44.5300, 22.2350, 10.0350



35.2370, -23.1970, -14.6290



45.5740, 1.7400, 12.5240

Square

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



35.2370, -23.1970, -14.6290



36.3840, -36.3120, -2.7120



45.6310, 14.7610, 13.3290



43.4180, 19.0740, -4.2700

Rectangle

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



35.2370, -23.1970, -14.6290



36.8910, -33.6060, -7.7020



45.6310, 14.7610, 13.3290



44.0800, 23.3820, 5.7660

Sweetspot

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



35.2370, -23.1970, -14.6290



59.9340, -8.8020, -5.6820



36.3730, -3.3890, -21.1890



29.3690, -5.5930, -3.2650



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.



35.2370, -23.1970, -14.6290



43.8720, -32.5950, -20.5230



32.2510, -25.8120, -5.7800



24.9890, -1.4670, -0.9470



59.1970, -44.0560, -27.5760



144.1370, -106.8620, -67.7740

Inverse Universe

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



19.7630, 23.1970, 14.6290



22.1280, 32.5950, 20.5230



22.7490, 25.8120, 5.7800



24.0110, 1.4670, 0.9470



29.9170, 43.7350, 27.8870



72.7490, 107.1830, 67.4630

Previews

White Background



This preview shows how the YIQ color 35.2370, -23.1970, -14.6290 looks on a white background.

Color Contrast Check

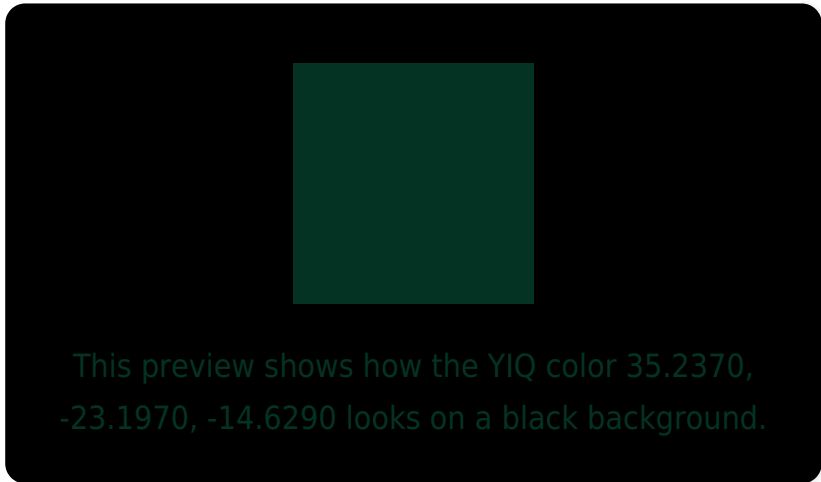
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2370, -23.1970, -14.6290

Background



This preview shows how black text looks on a background with the YIQ color 35.2370, -23.1970, -14.6290.



This preview shows how white text looks on a background with the YIQ color 35.2370, -23.1970,

-14.6290.

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

35.2370, -23.1970, -14.6290

Protanopia

43.9420, 5.9150, -2.5730

Deuteranopia

44.8220, 6.3730, 0.1410



Tritanopia

39.8880, -20.3560, -5.5400

Trichromacy



Original Color

35.2370, -23.1970, -14.6290

Protanomaly

41.0330, -4.7670, -7.2230

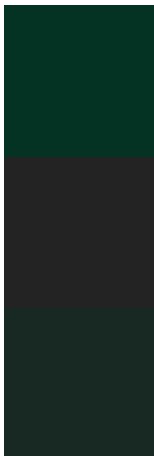
Deuteranomaly

41.3860, -4.2630, -5.3430

Tritanomaly

38.2960, -21.6850, -8.9890

Monochromacy



Original Color

35.2370, -23.1970, -14.6290

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2330, -8.2060, -5.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.2370, -23.1970, -14.6290 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(4, 51, 36)` looks like.

```
.text, #text, p{  
    color:rgb(4, 51, 36)  
}
```

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(4, 51, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 51, 36) }
```

Border

The CSS property to change the border of an element to YIQ 35.2370, -23.1970, -14.6290 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(4, 51, 36) }
```


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

```
.border{ border-color:rgb(4, 51, 36) }
```

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

Here you see how a box with a 4 pixel rgb(4, 51, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 51, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 51, 36); box-shadow:4px  
4px 4px 4px rgb(4, 51, 36) }
```

Background

The CSS property to change the background color of an element to YIQ 35.2370, -23.1970, -14.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 51, 36) }
```

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

```
.background{ background-color: rgb(4, 51,  
36) }
```

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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