

Converting Colors

YIQ(38.3620, -30.0780, 5.4580)

Have a look what the booklet for
YIQ(38.3620, -30.0780, 5.4580)
contains.

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Color

**YIQ(38.3620, -30.0780,
5.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2B51
RGB	13, 43, 81
RGB Percent	5%, 17%, 32%
CMY	0.9490, 0.8313, 0.6825
CMYK	0.84, 0.47, 0.00, 0.68
HSL	213°, 72%, 18%
HSV	213°, 84%, 32%
XYZ	2.5139, 2.4077, 8.1094
YIQ	38.3620, -30.0780, 5.4580

Conversions

Conversions Part 2

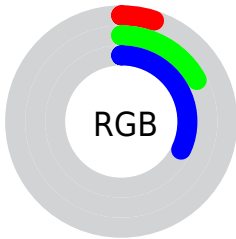
Format	Color
RYB	13, 34, 81
Decimal	863057
CIELab	17.50, 4.59, -26.40
CIElCh	17, 26.793, 279.875
Yxy	2.4077, 0.1929, 0.1848
Android (android.graphics.Color)	4279053137 (0xFF0D2B51)
YUV	38.3620, 21.0205, -22.2425
Hunter-Lab	15.5166, 1.7654, -20.1246

Details

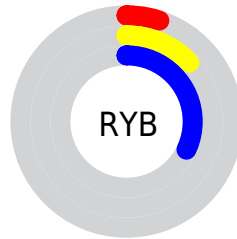
The YIQ color **38.3620, -30.0780, 5.4580** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.6380, 30.0780, -5.4580**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.6230, -26.3190, 8.9210**, and **5.2780, -12.1060, 10.1500** is the 20% darker color. If you saturate the color by 10%, you get **33.0350, -33.4710, 6.3770**, and if you desaturate by 10%, it is **43.6890, -26.6850, 4.5390**.

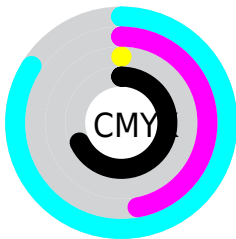
Distribution



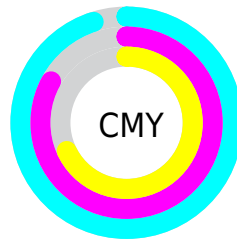
- Red (5%)
- Green (17%)
- Blue (32%)



- Red (5%)
- Yellow (13%)
- Blue (32%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.3620, -30.0780, 5.4580 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 38.3620, -30.0780, 5.4580 by changing the saturation by 10% instead.

■ 38.3620, -30.0780,
5.4580

■ 38.3620, -30.0780,
5.4580

■ 255.0000, -0.0000,
-0.0000

■ 20.1130, -24.9430,
6.0090

■ 86.6230, -26.3190,
8.9210

■ 5.2780, -12.1060,
10.1500

■ 111.4490,
-25.7690, 9.9670

■ 1.3680, -3.8520,
3.7320

■ 137.5630,
-26.0900, 10.2780

■ 0.0000, 0.0000,
0.0000

■ 163.7910,
-26.7320, 10.9000

■ 191.2040,
-26.4570, 11.4230

■ 217.7220,

-22.2840, 7.3800

■ 242.5300,
-13.2960, -1.3280

■ 38.3620, -30.0780,
5.4580

■ 38.3620, -30.0780,
5.4580

■ 33.0350, -33.4710,
6.3770

■ 43.6890, -26.6850,
4.5390

■ 30.3660, -35.9010,
6.3630

■ 48.4290, -23.0170,
4.1430

■ 53.7560, -19.6240,
3.2240

■ 58.4960, -15.9560,
2.8280

■ 63.8230, -12.5630,
1.9090

■ 68.8620, -8.2990,
1.7250

■ 74.1890, -4.9060,
0.8060

■ 78.9290, -1.2380,
0.4100

■ 84.2560, 2.1550,
-0.5090

Harmonies

Analogous

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



37.7690, -38.8340, -1.0580



38.3620, -30.0780, 5.4580



44.4150, -2.0660, 15.4220

Triad

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



38.3620, -30.0780, 5.4580



41.3150, 30.0300, 6.4300



33.2430, -23.3340, -17.6540

Complementary

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



38.3620, -30.0780, 5.4580



55.6380, 30.0780, -5.4580

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.



37.6770, -1.1890, -17.0050



38.3620, -30.0780, 5.4580



40.9690, 27.6480, -5.4720

Square

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



38.3620, -30.0780, 5.4580



41.6280, 28.0110, 15.4910



39.8810, 15.9120, -13.0480



36.1100, -30.0290, -11.9570

Rectangle

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



38.3620, -30.0780, 5.4580



43.9390, 11.1380, 18.4180



39.8810, 15.9120, -13.0480



33.4560, -19.6200, -18.8840

Sweetspot

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



38.3620, -30.0780, 5.4580



88.1220, -11.9670, 2.1210



57.1340, -30.5770, -24.0570



43.6340, -7.6570, 1.1030



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



38.3620, -30.0780, 5.4580



38.9720, -46.3550, 8.5970



21.6490, -20.0400, 21.7840



38.6300, -1.8340, 0.1980



86.3220, -102.5220, 18.8060

Inverse Universe

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



36.7520, 30.8980, 23.7460



36.6390, 47.8140, 36.5660



72.3510, 20.0400, -21.7840



38.4240, 1.7420, 1.4700



80.9960, 105.5300, 80.9060

Previews

White Background



This preview shows how the YIQ color 38.3620, -30.0780, 5.4580 looks on a white background.

Color Contrast Check

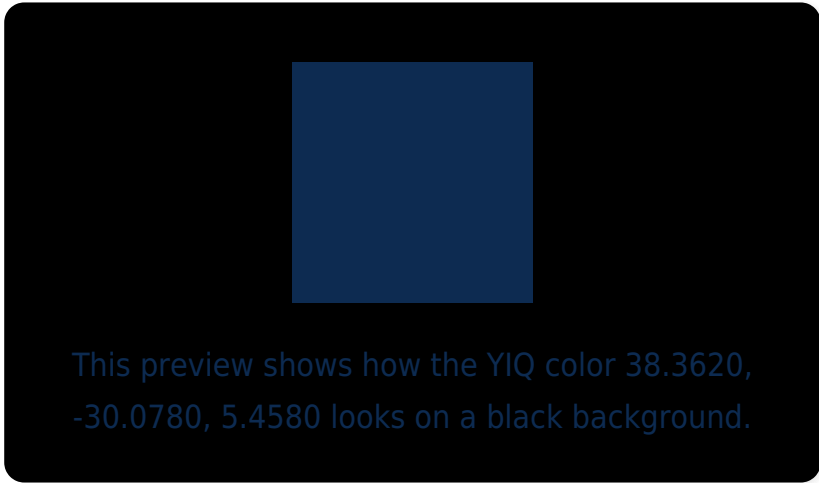
Large Text (above 18pt) WCAG AA ✓ Pass

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

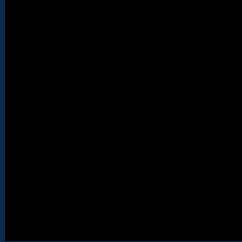
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.3620, -30.0780, 5.4580

Background



This preview shows how black text looks on a background with the YIQ color 38.3620, -30.0780, 5.4580.



This preview shows how white text looks on a background with the YIQ color 38.3620, -30.0780,

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

38.3620, -30.0780, 5.4580

Protanopia

40.9500, -22.9260, 8.0020

Deuteranopia

34.7200, -37.1380, 1.2460



Tritanopia

33.9900, -29.5710, -9.2430

Trichromacy



Original Color

38.3620, -30.0780, 5.4580

Protanomaly

39.7540, -25.3100, 7.1540

Deuteranomaly

36.3290, -34.4790, 2.6170

Tritanomaly

35.5650, -29.5720, -3.7160

Monochromacy



Original Color

38.3620, -30.0780, 5.4580

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.3070, -11.0500, 2.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.3620, -30.0780, 5.4580 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(13, 43, 81)` looks like.

```
.text, #text, p{  
    color:rgb(13, 43, 81)  
}
```

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(13, 43, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 43, 81) }
```

Border

The CSS property to change the border of an element to YIQ 38.3620, -30.0780, 5.4580 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(13, 43, 81) }
```

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

```
.border{ border-color:rgb(13, 43, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 43, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 43, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 43, 81);  
box-shadow:4px 4px 4px 4px rgb(13, 43, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.3620, -30.0780, 5.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 43, 81) }
```

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

```
.background{ background-color: rgb(13, 43,  
81) }
```

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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