

# Converting Colors

YIQ(24.0250, -35.5380, 27.3260)

Have a look what the booklet for  
YIQ(24.0250, -35.5380, 27.3260)  
contains.

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# Color

**YIQ(24.0250, -35.5380,  
27.3260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07106E
RGB	7, 16, 110
RGB Percent	3%, 6%, 43%
CMY	0.9725, 0.9372, 0.5688
CMYK	0.94, 0.85, 0.00, 0.57
HSL	235°, 88%, 23%
HSV	235°, 94%, 43%
XYZ	3.0846, 1.5405, 14.8711
YIQ	24.0250, -35.5380, 27.3260

# Conversions

## Conversions Part 2

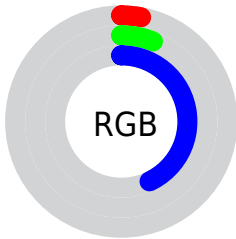
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 15, 110
Decimal	462958
CIE <sub>Lab</sub>	12.86, 35.07, -53.23
CIE <sub>LCh</sub>	13, 63.749, 303.381
Yxy	1.5405, 0.1582, 0.0790
Android (android.graphics.Color)	4278653038 (0xFF07106E)
YUV	24.0250, 42.3857, -14.9309
Hunter-Lab	12.4118, 22.6402, -62.3492

# Details

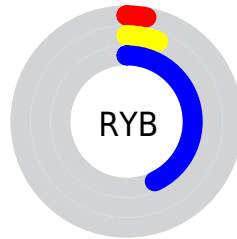
The YIQ color **24.0250, -35.5380, 27.3260** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **92.9750, 35.5380, -27.3260**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **76.8250, -22.9310, 35.6370**, and **8.7150, -20.4060, 17.4020** is the 20% darker color. If you saturate the color by 10%, you get **18.4100, -38.0600, 28.9800**, and if you desaturate by 10%, it is **33.1840, -31.7320, 24.4280**.

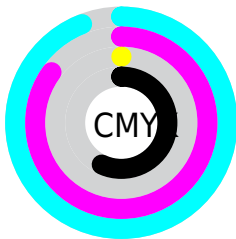
# Distribution



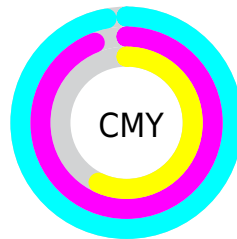
- Red (3%)
- Green (6%)
- Blue (43%)



- Red (3%)
- Yellow (6%)
- Blue (43%)



- Cyan (94%)
- Magenta (85%)
- Yellow (0%)
- Black (57%)



- Cyan (97%)
- Magenta (94%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 24.0250, -35.5380, 27.3260 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 24.0250, -35.5380, 27.3260 by changing the saturation by 10% instead.



■ 24.0250, -35.5380,  
27.3260

■ 24.0250, -35.5380,  
27.3260

■ 248.5430, 3.0250,  
5.7530

■ 9.6900, -27.2850,  
26.4350

■ 76.8250, -22.9310,  
35.6370

■ 8.7150, -20.4060,  
17.4020

■ 102.3630,  
-21.5100, 37.4180

■ 6.0930, -13.0230,  
10.2490

■ 128.6020,  
-20.6850, 38.9870

■ 2.2970, -5.0900,  
4.1420

■ 154.9550,  
-20.1810, 40.8670

■ 0.0000, 0.0000,  
0.0000

■ 180.3870,  
-12.8900, 35.3820

■ 204.9070, -3.0310,

27.4090

■ 230.0140, 6.5530,  
18.9130

■ 24.0250, -35.5380,  
27.3260

■ 24.0250, -35.5380,  
27.3260

■ 18.4100, -38.0600,  
28.9800

■ 33.1840, -31.7320,  
24.4280

■ 42.3430, -27.9260,  
21.5300

■ 51.5020, -24.1200,  
18.6320

■ 60.6610, -20.3140,  
15.7340

■ 69.8200, -16.5080,  
12.8360

■ 78.9790, -12.7020,  
9.9380

■ 88.1380, -8.8960,  
7.0400

■ 97.2970, -5.0900,  
4.1420

■ 106.4560, -1.2840,  
1.2440

# Harmonies

## Analogous

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



37.8440, -51.4460, 18.2660



24.0250, -35.5380, 27.3260



33.8510, 26.9060, 41.0340

# Triad

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



24.0250, -35.5380, 27.3260



26.2240, 40.7120, 11.0800



32.3940, -25.0770, -13.5970

# Complementary

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



24.0250, -35.5380, 27.3260



92.9750, 35.5380, -27.3260

# 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.



27.5890, -12.9250, -24.5810



24.0250, -35.5380, 27.3260



31.3200, 13.2980, -9.7260

# Square

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



24.0250, -35.5380, 27.3260



28.4050, 56.6200, 20.1400



25.2410, -11.8250, -22.4890



38.6980, -40.0720, -0.6480



# Rectangle

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



24.0250, -35.5380, 27.3260



35.0300, 45.1550, 35.1950



25.2410, -11.8250, -22.4890



30.6840, -20.2620, -18.2620

# Sweetspot

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



24.0250, -35.5380, 27.3260



109.3210, -13.6650, 10.8710



78.0630, -58.1780, -24.9460



50.9100, -8.2540, 6.4180



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.



24.0250, -35.5380, 27.3260



23.3460, -49.2030, 38.1970



31.0010, -8.6270, 40.7250



51.2710, -2.2010, 1.3430



19.5500, -41.2700, 32.0900



41.0720, -85.3370, 65.3110



# Inverse Universe

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



38.8230, 58.4990, 24.6350



44.1250, 81.3760, 34.0480



85.9990, 8.6270, -40.7250



51.9080, 3.2550, 1.5830



37.0200, 68.3100, 28.5500

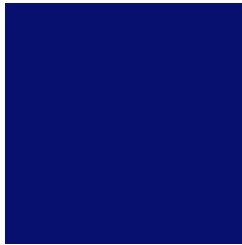


76.3610, 140.1500, 59.2060



# Previews

## White Background



This preview shows how the YIQ color 24.0250, -35.5380, 27.3260 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



This preview shows how the YIQ color 24.0250, -35.5380, 27.3260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

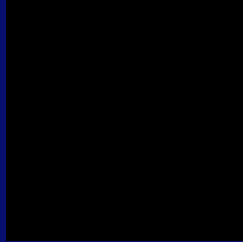
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 24.0250, -35.5380, 27.3260

## Background



This preview shows how black text looks on a background with the YIQ color 24.0250, -35.5380, 27.3260.



This preview shows how white text looks on a background with the YIQ color 24.0250, -35.5380,



# 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

24.0250, -35.5380, 27.3260

### Protanopia

28.1660, -32.4620, 4.6100

### Deuteranopia

28.6730, -29.7560, -0.3800



## Tritanopia

27.5670, -23.8860, -7.6460

# Trichromacy



## Original Color

24.0250, -35.5380, 27.3260

## Protanomaly

26.5500, -33.2430, 13.2610

## Deuteranomaly

26.9260, -31.5460, 10.0380

## Tritanomaly

26.6180, -27.9230, 4.9490

# Monochromacy



## Original Color

24.0250, -35.5380, 27.3260

## Achromatopsia

24.0000, -0.0000, 0.0000

## Achromatomaly

23.9790, -12.7020, 9.9380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 24.0250, -35.5380, 27.3260 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(7, 16, 110)` looks like.

```
.text, #text, p{  
    color:rgb(7, 16, 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(7, 16, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 16, 110) }
```

## Border

The CSS property to change the border of an element to YIQ 24.0250, -35.5380, 27.3260 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(7, 16, 110) }
```



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

```
.border{ border-color:rgb(7, 16, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 16, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 16, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 16, 110);  
box-shadow:4px 4px 4px 4px rgb(7, 16, 110)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 24.0250, -35.5380, 27.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 16, 110) }
```

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

```
.background{ background-color: rgb(7, 16,  
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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