

Converting Colors

YIQ(41.5250, -13.7590, 23.5930)

Have a look what the booklet for
YIQ(41.5250, -13.7590, 23.5930)
contains.

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Color

**YIQ(41.5250, -13.7590,
23.5930)**

Conversions

Conversions Part 1	
Format	Color
Hex	2B1E61
RGB	43, 30, 97
RGB Percent	17%, 12%, 38%
CMY	0.8313, 0.8824, 0.6197
CMYK	0.56, 0.69, 0.00, 0.62
HSL	252°, 53%, 25%
HSV	252°, 69%, 38%
XYZ	3.6176, 2.3048, 11.5568
YIQ	41.5250, -13.7590, 23.5930

Conversions

Conversions Part 2

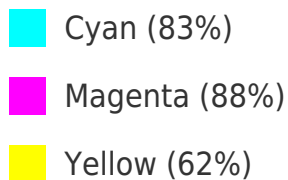
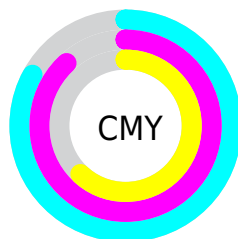
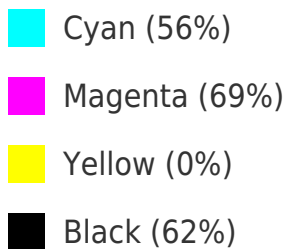
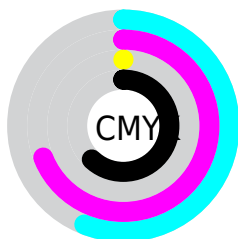
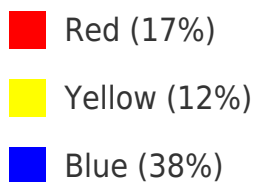
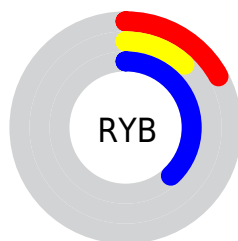
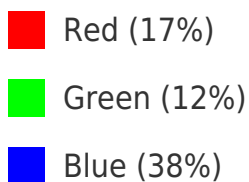
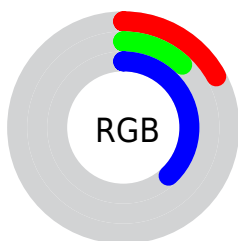
Format	Color
RYB	43, 30, 97
Decimal	2825825
CIELab	17.01, 25.90, -37.78
CIELCh	17, 45.801, 304.430
Yxy	2.3048, 0.2070, 0.1319
Android (android.graphics.Color)	4281015905 (0xFF2B1E61)
YUV	41.5250, 27.3492, 1.2936
Hunter-Lab	15.1817, 15.9661, -34.5065

Details

The YIQ color **41.5250, -13.7590, 23.5930** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **85.4750, 13.7590, -23.5930**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **89.0030, -12.1090, 26.7310**, and **5.7000, -16.0500, 15.5500** is the 20% darker color. If you saturate the color by 10%, you get **33.2630, -15.7770, 27.1270**, and if you desaturate by 10%, it is **49.7870, -11.7410, 20.0590**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 41.5250, -13.7590, 23.5930 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 41.5250, -13.7590, 23.5930 by changing the saturation by 10% instead.


 41.5250, -13.7590,
23.5930


 41.5250, -13.7590,
23.5930


 255.0000, -0.0000,
-0.0000


 18.0900, -16.9680,
21.1760

 89.0030, -12.1090,
26.7310


 5.7000, -16.0500,
15.5500


 113.9430,
-11.8800, 28.0880

 3.7790, -9.2630,
8.1850

 139.8830,
-11.6510, 29.4450


 0.0000, 0.0000,
0.0000


 166.7090,
-11.1010, 30.4910


 193.6660, -9.5420,
29.7700


 217.8870, -0.2790,


21.5850


 242.0860, 6.0500,
11.5060


 41.5250, -13.7590,
23.5930


 41.5250, -13.7590,
23.5930


 33.2630, -15.7770,
27.1270


 49.7870, -11.7410,
20.0590


 25.5880, -18.0700,
30.1380


 57.4620, -9.4480,
17.0480

 17.6250, -19.4920,
33.8840

 65.4250, -8.0260,
13.3020

 16.7390, -19.8130,
34.1950

 73.6870, -6.0080,
9.7680

 81.3620, -3.7150,
6.7570

■ 89.6240, -1.6970,
3.2230

■ 97.8860, 0.3210,
-0.3110

■ 106.1480, 2.3390,
-3.8450

■ 113.5240, 4.0360,
-7.0680

Harmonies

Analogous

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



38.8410, -47.3640, 10.3640



41.5250, -13.7590, 23.5930



33.4980, 26.4020, 39.1540

Triad

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



41.5250, -13.7590, 23.5930



38.8610, 37.0000, 1.2560



37.5290, -29.8910, -14.4590

Complementary

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



41.5250, -13.7590, 23.5930



85.4750, 13.7590, -23.5930

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.



32.1370, -17.4640, -24.9200



41.5250, -13.7590, 23.5930



39.3050, 17.6540, -11.5780

Square

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



41.5250, -13.7590, 23.5930



28.2090, 54.2360, 19.2920



32.6390, -7.1940, -23.8180



41.2910, -40.4840, -4.1960

Rectangle

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



41.5250, -13.7590, 23.5930



33.8060, 39.9740, 35.4780



32.6390, -7.1940, -23.8180



35.6880, -26.0850, -17.3570

Sweetspot

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



41.5250, -13.7590, 23.5930



103.4590, -5.3660, 9.1460



69.9230, -36.6320, -7.9280



50.7210, -3.3480, 5.6120



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



41.5250, -13.7590, 23.5930



38.8360, -21.4640, 36.5840



51.3920, 5.9090, 30.5890



44.7550, -0.6880, 1.4560



19.3460, -22.8400, 39.4960



41.4130, -49.0280, 84.6040

Inverse Universe

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



56.1890, 22.5980, 30.9980



61.6720, 35.0200, 48.1720



75.6080, -5.9090, -30.5890



45.6520, 1.1000, 2.0920



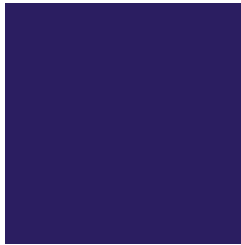
43.7480, 37.8620, 51.7340



93.7620, 81.0870, 110.9030

Previews

White Background



This preview shows how the YIQ color 41.5250, -13.7590, 23.5930 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 41.5250, -13.7590, 23.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

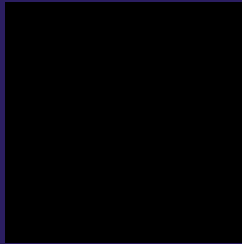
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.5250, -13.7590, 23.5930

Background



This preview shows how black text looks on a background with the YIQ color 41.5250, -13.7590, 23.5930.



This preview shows how white text looks on a background with the YIQ color 41.5250, -13.7590,

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

41.5250, -13.7590, 23.5930

Protanopia

33.9850, -39.2020, 5.6140

Deuteranopia

34.2640, -35.8540, 0.0020



Tritanopia

40.3620, -12.8830, -3.3070

Trichromacy



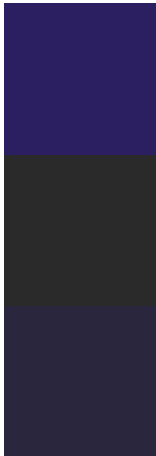
Original Color
41.5250, -13.7590, 23.5930

Protanomaly
36.8770, -29.8500, 12.3420

Deuteranomaly
37.0250, -27.5110, 8.4970

Tritanomaly
40.5720, -13.1140, 6.3900

Monochromacy



Original Color
41.5250, -13.7590, 23.5930

Achromatopsia
42.0000, -0.0000, -0.0000

Achromatomaly
41.9320, -5.3200, 8.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5250, -13.7590, 23.5930 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(43, 30, 97)` looks like.

```
.text, #text, p{  
    color:rgb(43, 30, 97)  
}
```

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(43, 30, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 30, 97) }
```

Border

The CSS property to change the border of an element to YIQ 41.5250, -13.7590, 23.5930 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(43, 30, 97) }
```


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

```
.border{ border-color:rgb(43, 30, 97) }
```

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

Here you see how a box with a 4 pixel rgb(43, 30, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 30, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 30, 97);  
box-shadow:4px 4px 4px 4px rgb(43, 30, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.5250, -13.7590, 23.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 30, 97) }
```

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

```
.background{ background-color: rgb(43, 30,  
97) }
```

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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