

Converting Colors

YIQ(60.8170, -29.6210, 13.6990)

Have a look what the booklet for
YIQ(60.8170, -29.6210, 13.6990)
contains.

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Color

**YIQ(60.8170, -29.6210,
13.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	293C75
RGB	41, 60, 117
RGB Percent	16%, 24%, 46%
CMY	0.8392, 0.7647, 0.5413
CMYK	0.65, 0.49, 0.00, 0.54
HSL	225°, 48%, 31%
HSV	225°, 65%, 46%
XYZ	5.7391, 4.9873, 17.4771
YIQ	60.8170, -29.6210, 13.6990

Conversions

Conversions Part 2

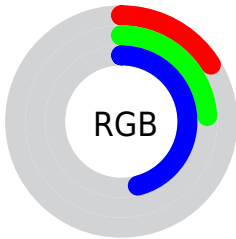
Format	Color
R_{YB}	41, 56, 117
Decimal	2702453
CIE _{Lab}	26.70, 12.11, -35.07
CIE _{LCh}	27, 37.107, 289.051
Yxy	4.9873, 0.2035, 0.1768
Android (android.graphics.Color)	4280892533 (0xFF293C75)
YUV	60.8170, 27.6982, -17.3795
Hunter-Lab	22.3323, 6.7905, -30.7672




Details

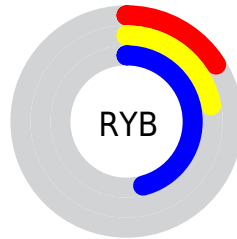
The YIQ color **60.8170, -29.6210, 13.6990** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.1830, 29.6210, -13.6990**, and the grayscale version is **61.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **110.2950, -27.9710, 16.8370**, and **18.9050, -27.0530, 11.2110** is the 20% darker color. If you saturate the color by 10%, you get **51.9460, -34.2980, 15.8620**, and if you desaturate by 10%, it is **69.6880, -24.9440, 11.5360**.

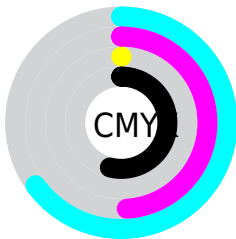
Distribution







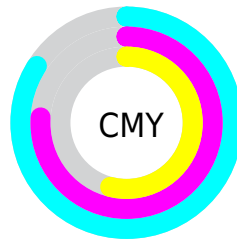
-  Red (16%)
-  Green (24%)
-  Blue (46%)






-  Red (16%)
-  Yellow (22%)
-  Blue (46%)



-  Cyan (65%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (84%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.8170, -29.6210, 13.6990 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 60.8170, -29.6210, 13.6990 by changing the saturation by 10% instead.

■ 60.8170, -29.6210,
13.6990

■ 60.8170, -29.6210,
13.6990

■ 255.0000, -0.0000,
-0.0000

■ 35.4740, -36.0850,
9.6990

■ 110.2950,
-27.9710, 16.8370

■ 18.9050, -27.0530,
11.2110

■ 136.1210,
-27.4210, 17.8830

■ 6.8910, -15.2700,
12.4260

■ 162.6480,
-27.4670, 18.7170

■ 3.3230, -7.9790,
6.9410

■ 190.1750,
-27.5130, 19.5510

■ 0.0000, 0.0000,
0.0000

■ 215.0970,
-18.8460, 11.1540

■ 240.2040, -9.2620,

2.6580

■ 60.8170, -29.6210,
13.6990

■ 60.8170, -29.6210,
13.6990

■ 51.9460, -34.2980,
15.8620

■ 69.6880, -24.9440,
11.5360

■ 43.3740, -38.3790,
18.2370

■ 78.2600, -20.8630,
9.1610

■ 35.0900, -43.3310,
19.8770

■ 86.5440, -15.9110,
7.5210

■ 30.3610, -45.5320,
21.2200

■ 95.4150, -11.2340,
5.3580

■ 103.9870, -7.1530,
2.9830

■ 112.8580, -2.4760,
0.8200

■ 121.1420, 2.4760,
-0.8200

■ 130.0130, 7.1530,
-2.9830

■ 138.5850, 11.2340,
-5.3580

Harmonies

Analogous

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



54.0690, -57.1740, 0.9220



60.8170, -29.6210, 13.6990



65.1160, 6.5060, 25.2740

Triad

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



60.8170, -29.6210, 13.6990



60.4920, 42.5930, 4.5210



50.4260, -37.2710, -23.8870

Complementary

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



60.8170, -29.6210, 13.6990



97.1830, 29.6210, -13.6990

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.



52.3500, -13.7500, -26.1500



60.8170, -29.6210, 13.6990



59.4610, 34.7100, -12.3140

Square

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



60.8170, -29.6210, 13.6990



60.4620, 43.2780, 19.6460



57.2690, 17.3350, -22.3210



53.8460, -46.9010, -14.5570

Rectangle

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



60.8170, -29.6210, 13.6990



63.2660, 23.6990, 27.5630



57.2690, 17.3350, -22.3210



48.8130, -34.1070, -26.1630

Sweetspot

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



60.8170, -29.6210, 13.6990



131.4150, -11.2340, 5.3580



91.9960, -38.8760, -22.3320



63.4000, -6.8780, 3.5060



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



60.8170, -29.6210, 13.6990



65.1760, -46.4490, 21.3190



55.0460, -13.6680, 27.4520



54.2710, -2.2010, 1.3430



32.1050, -47.6870, 21.7290



65.4810, -97.5750, 44.8010

Inverse Universe

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



65.8900, 39.1970, 22.0210



73.0010, 61.2940, 34.5580



102.9540, 13.6680, -27.4520



54.9080, 3.2550, 1.5830



40.0120, 62.7610, 35.5050



81.9320, 128.7770, 72.5930

Previews

White Background



This preview shows how the YIQ color 60.8170, -29.6210, 13.6990 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 60.8170, -29.6210, 13.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

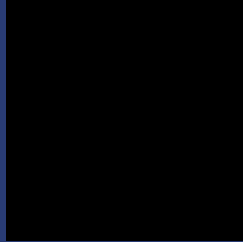
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.8170, -29.6210, 13.6990

Background



This preview shows how black text looks on a background with the YIQ color 60.8170, -29.6210, 13.6990.



This preview shows how white text looks on a background with the YIQ color 60.8170, -29.6210,

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

60.8170, -29.6210, 13.6990

Protanopia

59.1260, -34.9850, 11.7910

Deuteranopia

50.5640, -54.1940, 1.9820



Tritanopia

53.8260, -34.9810, -10.3170

Trichromacy



Original Color

60.8170, -29.6210, 13.6990

Protanomaly

60.0230, -33.1970, 12.4270

Deuteranomaly

54.5760, -45.3000, 5.9960

Tritanomaly

56.1780, -32.7360, -1.4400

Monochromacy



Original Color

60.8170, -29.6210, 13.6990

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.1870, -10.5920, 4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.8170, -29.6210, 13.6990 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(41, 60, 117)` looks like.

```
.text, #text, p{  
    color:rgb(41, 60, 117)  
}
```

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(41, 60, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 60, 117) }
```

Border

The CSS property to change the border of an element to YIQ 60.8170, -29.6210, 13.6990 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(41, 60, 117) }
```


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

```
.border{ border-color:rgb(41, 60, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 60, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 60, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 60, 117);  
box-shadow:4px 4px 4px 4px rgb(41, 60,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 60.8170, -29.6210, 13.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 60, 117) }
```

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

```
.background{ background-color: rgb(41, 60,  
117) }
```

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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