

Converting Colors

YIQ(85.2360, -20.3150, 21.2610)

Have a look what the booklet for
YIQ(85.2360, -20.3150, 21.2610)
contains.

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Color

**YIQ(85.2360, -20.3150,
21.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4D90
RGB	79, 77, 144
RGB Percent	31%, 30%, 56%
CMY	0.6901, 0.6980, 0.4354
CMYK	0.45, 0.47, 0.00, 0.44
HSL	242°, 30%, 43%
HSV	242°, 47%, 56%
XYZ	10.9107, 8.9830, 27.5309
YIQ	85.2360, -20.3150, 21.2610

Conversions

Conversions Part 2

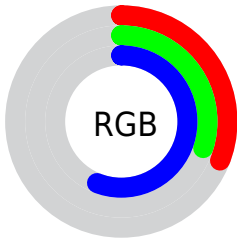
Format	Color
R_{YB}	79, 77, 144
Decimal	5197200
CIE _{Lab}	35.95, 19.07, -36.90
CIE _{LCh}	36, 41.535, 297.334
Yxy	8.9830, 0.2301, 0.1894
Android (android.graphics.Color)	4283387280 (0xFF4F4D90)
YUV	85.2360, 28.9707, -5.4690
Hunter-Lab	29.9717, 12.5297, -33.4814

Details

The YIQ color $85.2360, -20.3150, 21.2610$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $135.7640, 20.3150, -21.2610$, and the grayscale version is $85.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $136.0020, -19.5360, 23.6640$, and $37.4480, -24.0280, 16.9640$ is the 20% darker color. If you saturate the color by 10%, you get $72.8320, -24.8090, 25.6150$, and if you desaturate by 10%, it is $97.6400, -15.8210, 16.9070$.

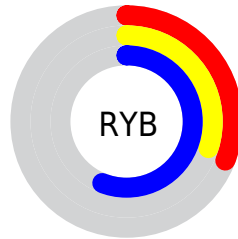
Distribution



Red (31%)

Green (30%)

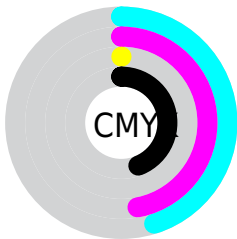
Blue (56%)



Red (31%)

Yellow (30%)

Blue (56%)

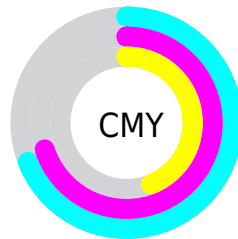


Cyan (45%)

Magenta (47%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.2360, -20.3150, 21.2610 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 85.2360, -20.3150, 21.2610 by changing the saturation by 10% instead.

■ 85.2360, -20.3150,
21.2610

■ 85.2360, -20.3150,
21.2610

■ 255.0000, -0.0000,
-0.0000

■ 60.9970, -21.1400,
19.6920

■ 136.0020,
-19.5360, 23.6640

■ 37.7470, -23.4320,
17.1760

■ 162.5290,
-19.5820, 24.4980

■ 15.4970, -25.7240,
14.6600

■ 190.0560,
-19.6280, 25.3320

■ 6.4180, -15.3160,
13.2600

■ 214.2770,
-10.3650, 17.1470

■ 3.3230, -7.9790,
6.9410

■ 239.3840, -0.7810,
8.6510

■ 0.0000, 0.0000,
0.0000

■ 85.2360, -20.3150,
21.2610

■ 85.2360, -20.3150,
21.2610

■ 72.8320, -24.8090,
25.6150

■ 97.6400, -15.8210,
16.9070

■ 59.8410, -29.0280,
30.4920

■ 110.6310,
-11.6020, 12.0300

■ 47.4370, -33.5220,
34.8460

■ 123.0350, -7.1080,
7.6760

■ 34.4460, -37.7410,
39.7230

■ 136.0260, -2.8890,
2.7990

■ 22.0420, -42.2350,
44.0770

■ 148.4300, 1.6050,
-1.5550

■ 17.6120, -43.8400,
45.6320

■ 160.8340, 6.0990,
-5.9090

■ 173.8250, 10.3180,
-10.7860

■ 186.2290, 14.8120,

-15.1400

■ 199.2200, 19.0310,
-20.0170

Harmonies

Analogous

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



69.4570, -72.9460, 0.4140



85.2360, -20.3150, 21.2610



86.6660, 16.8210, 31.0690

Triad

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



85.2360, -20.3150, 21.2610



82.2660, 48.9210, -0.0310



67.8200, -53.1800, -27.4200

Complementary

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



85.2360, -20.3150, 21.2610



135.7640, 20.3150, -21.2610

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.



68.5760, -29.2460, -31.6620



85.2360, -20.3150, 21.2610



80.1420, 36.8660, -18.3500

Square

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



85.2360, -20.3150, 21.2610



82.0130, 51.8520, 18.4440



77.3990, 10.9170, -27.1550



71.6960, -64.0940, -16.8460

Rectangle

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



85.2360, -20.3150, 21.2610



84.9470, 35.0230, 31.5910



77.3990, 10.9170, -27.1550



65.9790, -49.3740, -30.3180

Sweetspot

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



85.2360, -20.3150, 21.2610



163.2630, -7.7500, 8.2980



123.3800, -39.6570, -13.6810



80.1230, -4.5400, 5.1880



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.2360, -20.3150, 21.2610



94.7530, -31.5960, 32.9800



95.1030, -0.6470, 28.2570



64.7980, -2.2470, 2.1770



16.5860, -40.9510, 42.8330



0.9120, -2.5680, 2.4880

Inverse Universe

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



104.4430, 19.0670, 34.4190



124.6100, 29.5630, 53.4590



125.8970, 0.6470, -28.2570



66.8910, 1.9250, 3.6610



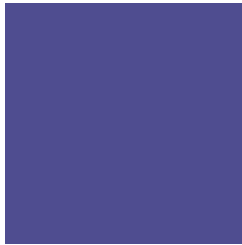
55.2990, 38.4090, 69.3610



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 85.2360, -20.3150, 21.2610 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 85.2360, -20.3150, 21.2610 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 85.2360, -20.3150, 21.2610

Background



This preview shows how black text looks on a background with the YIQ color 85.2360, -20.3150, 21.2610.

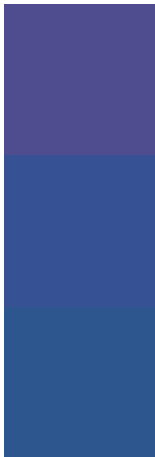


This preview shows how white text looks on a background with the YIQ color 85.2360, -20.3150,

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

85.2360, -20.3150, 21.2610

Protanopia

81.2660, -38.1950, 14.9010

Deuteranopia

79.5380, -42.1370, 9.2470



Tritanopia

82.2200, -15.3590, -2.4870

Trichromacy



Original Color

85.2360, -20.3150, 21.2610

Protanomaly

82.5550, -31.6390, 17.2330

Deuteranomaly

81.4790, -34.4810, 13.6710

Tritanomaly

83.4190, -17.0570, 6.2630

Monochromacy



Original Color

85.2360, -20.3150, 21.2610

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0350, -7.1080, 7.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.2360, -20.3150, 21.2610 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(79, 77, 144)` looks like.

```
.text, #text, p{  
    color:rgb(79, 77, 144)  
}
```

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(79, 77, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 77, 144) }
```

Border

The CSS property to change the border of an element to YIQ 85.2360, -20.3150, 21.2610 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(79, 77, 144) }
```


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

```
.border{ border-color:rgb(79, 77, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 77, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 77, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 77, 144);  
box-shadow:4px 4px 4px 4px rgb(79, 77,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 85.2360, -20.3150, 21.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 77, 144) }
```

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

```
.background{ background-color: rgb(79, 77,  
144) }
```

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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