

Converting Colors

YIQ(64.7820, -13.3450, 16.0870)

Have a look what the booklet for
YIQ(64.7820, -13.3450, 16.0870)
contains.

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Color

**YIQ(64.7820, -13.3450,
16.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3A6B
RGB	62, 58, 107
RGB Percent	24%, 23%, 42%
CMY	0.7568, 0.7726, 0.5805
CMYK	0.42, 0.46, 0.00, 0.58
HSL	245°, 30%, 32%
HSV	245°, 46%, 42%
XYZ	6.1528, 5.1115, 14.5658
YIQ	64.7820, -13.3450, 16.0870

Conversions

Conversions Part 2

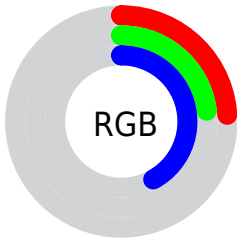
Format	Color
R_{YB}	62, 58, 107
Decimal	4078187
CIE _{Lab}	27.05, 15.20, -28.06
CIE _{LCh}	27, 31.916, 298.445
Yxy	5.1115, 0.2382, 0.1979
Android (android.graphics.Color)	4282268267 (0xFF3E3A6B)
YUV	64.7820, 20.8135, -2.4398
Hunter-Lab	22.6086, 9.0132, -22.3723

Details

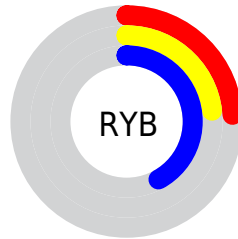
The YIQ color **64.7820, -13.3450, 16.0870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.2180, 13.3450, -16.0870**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.2490, -13.1620, 18.2780**, and **20.0050, -15.5910, 12.7370** is the 20% darker color. If you saturate the color by 10%, you get **55.3350, -16.2800, 19.7200**, and if you desaturate by 10%, it is **74.2290, -10.4100, 12.4540**.

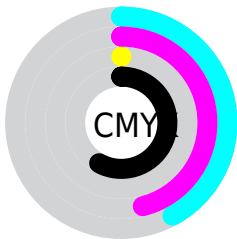
Distribution



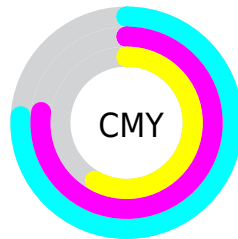
- Red (24%)
- Green (23%)
- Blue (42%)



- Red (24%)
- Yellow (23%)
- Blue (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7820, -13.3450, 16.0870 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 64.7820, -13.3450, 16.0870 by changing the saturation by 10% instead.

■ 64.7820, -13.3450,
16.0870

■ 64.7820, -13.3450,
16.0870

■ 255.0000, -0.0000,
-0.0000

■ 41.8420, -13.5740,
14.7300

■ 113.2490,
-13.1620, 18.2780

■ 20.0050, -15.5910,
12.7370

■ 138.7760,
-13.2080, 19.1120

■ 4.2180, -11.8770,
11.5070

■ 165.3030,
-13.2540, 19.9460

■ 2.1830, -4.7690,
3.8310

■ 192.4170,
-13.5750, 20.2570

■ 0.0000, 0.0000,
0.0000

■ 219.0060, -8.1640,
15.8040

■ 243.8140, 0.8240,

7.0960

■ 64.7820, -13.3450,
16.0870

■ 64.7820, -13.3450,
16.0870

■ 55.3350, -16.2800,
19.7200

■ 74.2290, -10.4100,
12.4540

■ 46.4750, -19.4900,
22.8300

■ 83.0890, -7.2000,
9.3440

■ 37.3270, -21.8290,
26.6750

■ 92.2370, -4.8610,
5.4990

■ 27.8800, -24.7640,
30.3080

■ 101.6840, -1.9260,
1.8660

■ 19.0200, -27.9740,
33.4180

■ 110.5440, 1.2840,
-1.2440

■ 14.8890, -28.9830,
35.1850

■ 119.9910, 4.2190,
-4.8770

■ 129.4380, 7.1540,
-8.5100

■ 138.8850, 10.0890,
-12.1430

■ 147.4460, 12.7030,
-15.4650

Harmonies

Analogous

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



52.2110, -54.6980, 0.1020



64.7820, -13.3450, 16.0870



65.9440, 12.7420, 22.3900

Triad

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



64.7820, -13.3450, 16.0870



62.6220, 36.1750, -0.3130



51.6800, -40.8020, -20.4660

Complementary

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



64.7820, -13.3450, 16.0870



100.2180, 13.3450, -16.0870

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.



53.3370, -20.9030, -23.1670



64.7820, -13.3450, 16.0870



60.9700, 25.9070, -12.4690

Square

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



64.7820, -13.3450, 16.0870



62.6090, 38.1900, 12.7340



58.5870, 7.7520, -19.3520



53.8290, -48.2310, -12.4790

Rectangle

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



64.7820, -13.3450, 16.0870



64.7730, 26.4050, 22.5730



58.5870, 7.7520, -19.3520



50.0670, -37.6380, -22.7420

Sweetspot

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



64.7820, -13.3450, 16.0870



123.4650, -5.5030, 6.1210



90.5880, -28.3790, -8.8190



60.6670, -3.2560, 3.9440



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.



64.7820, -13.3450, 16.0870



73.5720, -21.1410, 25.2190



71.9580, 0.9590, 21.1750



48.9830, -1.3300, 2.0780



16.3280, -31.5970, 38.5070



33.9100, -66.7250, 80.4350

Inverse Universe

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



77.7810, 14.7590, 24.3830



94.1170, 23.1010, 38.4050



93.0420, -0.9590, -21.1750



50.3640, 1.9710, 2.8270



47.2950, 35.0640, 58.3920



98.9050, 73.7950, 121.9150

Previews

White Background



This preview shows how the YIQ color 64.7820, -13.3450, 16.0870 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 64.7820, -13.3450, 16.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

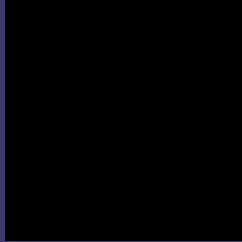
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.7820, -13.3450, 16.0870

Background



This preview shows how black text looks on a background with the YIQ color 64.7820, -13.3450, 16.0870.



This preview shows how white text looks on a background with the YIQ color 64.7820, -13.3450,

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

64.7820, -13.3450, 16.0870

Protanopia

61.6060, -27.6490, 10.9990

Deuteranopia

60.7150, -29.5740, 7.3380



Tritanopia

62.6830, -9.3530, -1.2010

Trichromacy



Original Color

64.7820, -13.3450, 16.0870

Protanomaly

62.9980, -22.8810, 12.6950

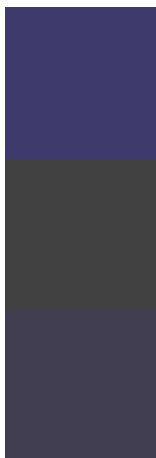
Deuteranomaly

62.2320, -23.6600, 10.2920

Tritanomaly

63.3010, -10.9130, 5.0470

Monochromacy



Original Color

64.7820, -13.3450, 16.0870

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.6500, -4.5860, 6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7820, -13.3450, 16.0870 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(62, 58, 107)` looks like.

```
.text, #text, p{  
    color:rgb(62, 58, 107)  
}
```

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(62, 58, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 58, 107) }
```

Border

The CSS property to change the border of an element to YIQ 64.7820, -13.3450, 16.0870 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(62, 58, 107) }
```


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

```
.border{ border-color:rgb(62, 58, 107) }
```

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

Here you see how a box with a 4 pixel rgb(62, 58, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 58, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 58, 107);  
box-shadow:4px 4px 4px 4px rgb(62, 58,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 64.7820, -13.3450, 16.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 58, 107) }
```

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

```
.background{ background-color: rgb(62, 58,  
107) }
```

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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