

Converting Colors

YIQ(62.4310, -25.3580, 19.0420)

Have a look what the booklet for
YIQ(62.4310, -25.3580, 19.0420)
contains.

YIQ(62.4310, -25.3580, 19.0420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(62.4310, -25.3580,
19.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	32397B
RGB	50, 57, 123
RGB Percent	20%, 22%, 48%
CMY	0.8039, 0.7765, 0.5178
CMYK	0.59, 0.54, 0.00, 0.52
HSL	234°, 42%, 34%
HSV	234°, 59%, 48%
XYZ	6.3517, 5.0339, 19.3631
YIQ	62.4310, -25.3580, 19.0420

Conversions

Conversions Part 2

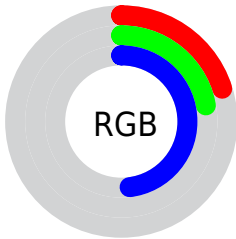
Format	Color
R_{YB}	50, 56, 123
Decimal	3291515
CIE _{Lab}	26.83, 18.29, -38.62
CIE _{LCh}	27, 42.732, 295.335
Yxy	5.0339, 0.2066, 0.1637
Android (android.graphics.Color)	4281481595 (0xFF32397B)
YUV	62.4310, 29.8605, -10.9020
Hunter-Lab	22.4364, 11.2693, -35.4630




Details

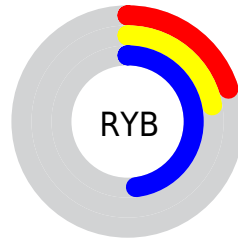
The YIQ color **62.4310, -25.3580, 19.0420** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **110.5690, 25.3580, -19.0420**, and the grayscale version is **62.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **111.9090, -23.7080, 22.1800**, and **17.7140, -27.8330, 14.3350** is the 20% darker color. If you saturate the color by 10%, you get **52.3860, -29.4850, 22.2510**, and if you desaturate by 10%, it is **72.4760, -21.2310, 15.8330**.

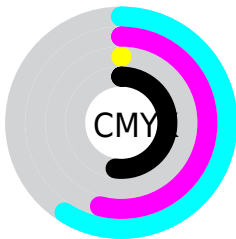
Distribution







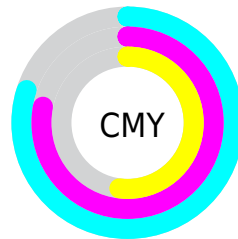
-  Red (20%)
-  Green (22%)
-  Blue (48%)






-  Red (20%)
-  Yellow (22%)
-  Blue (48%)



-  Cyan (59%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (80%)
-  Magenta (78%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.4310, -25.3580, 19.0420 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 62.4310, -25.3580, 19.0420 by changing the saturation by 10% instead.

■ 62.4310, -25.3580,
19.0420

■ 62.4310, -25.3580,
19.0420

■ 255.0000, -0.0000,
-0.0000

■ 38.2840, -29.4380,
15.8900

■ 111.9090,
-23.7080, 22.1800

■ 17.7140, -27.8330,
14.3350

■ 137.8490,
-23.4790, 23.5370

■ 6.2870, -16.3250,
15.0270

■ 164.3760,
-23.5250, 24.3710

■ 4.3660, -9.5380,
7.6620

■ 191.2190,
-21.6450, 23.3390

■ 0.0000, 0.0000,
0.0000

■ 215.4400,
-12.3820, 15.1540

■ 241.1340, -3.0730,

■ 62.4310, -25.3580,
19.0420

■ 62.4310, -25.3580,
19.0420

■ 52.3860, -29.4850,
22.2510

■ 72.4760, -21.2310,
15.8330

■ 42.0420, -34.2080,
25.2480

■ 82.8200, -16.5080,
12.8360

■ 31.9970, -38.3350,
28.4570

■ 92.8650, -12.3810,
9.6270

■ 21.9520, -42.4620,
31.6660

■ 102.9100, -8.2540,
6.4180

■ 21.0660, -42.7830,
31.9770

■ 113.5420, -4.4020,
2.6860

■ 123.8860, 0.3210,
-0.3110

■ 133.9310, 4.4480,
-3.5200

■ 143.9760, 8.5750,
-6.7290

■ 154.3200, 13.2980,
-9.7260

Harmonies

Analogous

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



55.2090, -60.3840, 4.0320



62.4310, -25.3580, 19.0420



63.9970, 14.3910, 31.0550

Triad

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



62.4310, -25.3580, 19.0420



59.3800, 48.6000, 0.2800



52.2840, -39.7470, -23.0670

Complementary

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



62.4310, -25.3580, 19.0420



110.5690, 25.3580, -19.0420

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.



46.6470, -28.0080, -32.0720



62.4310, -25.3580, 19.0420



59.7380, 32.3720, -13.9960

Square

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



62.4310, -25.3580, 19.0420



58.1100, 50.2010, 20.8330



56.3390, 11.1460, -25.7980



56.1600, -50.6610, -12.4930

Rectangle

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



62.4310, -25.3580, 19.0420



60.6310, 33.0970, 33.4570



56.3390, 11.1460, -25.7980



50.4430, -35.9410, -25.9650

Sweetspot

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



62.4310, -25.3580, 19.0420



137.0670, -10.1340, 7.4500



100.3750, -41.2610, -17.6530



66.6390, -6.0530, 5.0750



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



62.4310, -25.3580, 19.0420



66.4530, -39.6190, 29.7010



66.9930, -6.1490, 28.8510



56.2710, -2.2010, 1.3430



21.2940, -43.4250, 32.5990



42.8160, -87.4920, 65.8200

Inverse Universe

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



72.6250, 41.2610, 17.6530



82.3400, 64.4130, 27.5890



106.0070, 6.1490, -28.8510



56.9080, 3.2550, 1.5830



38.7430, 70.6480, 30.2320



78.0840, 142.4880, 60.8880

Previews

White Background



This preview shows how the YIQ color 62.4310, -25.3580, 19.0420 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 62.4310, -25.3580, 19.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

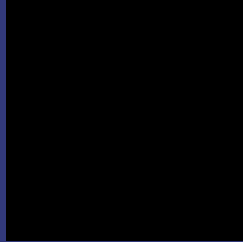
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.4310, -25.3580, 19.0420

Background



This preview shows how black text looks on a background with the YIQ color 62.4310, -25.3580, 19.0420.



This preview shows how white text looks on a background with the YIQ color 62.4310, -25.3580,

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

62.4310, -25.3580, 19.0420

Protanopia

55.4820, -47.7310, 11.5090

Deuteranopia

51.0370, -54.1480, 1.1480



Tritanopia

57.7240, -25.7660, -6.6140

Trichromacy



Original Color

62.4310, -25.3580, 19.0420

Protanomaly

58.2550, -39.6620, 13.9540

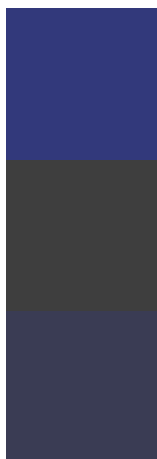
Deuteranomaly

55.1140, -43.8790, 7.7770

Tritanomaly

59.7060, -25.3550, 2.4610

Monochromacy



Original Color

62.4310, -25.3580, 19.0420

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.1380, -8.8960, 7.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.4310, -25.3580, 19.0420 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(50, 57, 123)` looks like.

```
.text, #text, p{  
    color:rgb(50, 57, 123)  
}
```

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(50, 57, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 57, 123) }
```

Border

The CSS property to change the border of an element to YIQ 62.4310, -25.3580, 19.0420 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(50, 57, 123) }
```


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

```
.border{ border-color:rgb(50, 57, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 57, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 57, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 57, 123);  
box-shadow:4px 4px 4px 4px rgb(50, 57,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 62.4310, -25.3580, 19.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 57, 123) }
```

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

```
.background{ background-color: rgb(50, 57,  
123) }
```

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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