

Converting Colors

YIQ(64.7590, -23.7060, 11.1260)

Have a look what the booklet for
YIQ(64.7590, -23.7060, 11.1260)
contains.

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Color

**YIQ(64.7590, -23.7060,
11.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	31406E
RGB	49, 64, 110
RGB Percent	19%, 25%, 43%
CMY	0.8078, 0.7490, 0.5688
CMYK	0.55, 0.42, 0.00, 0.57
HSL	225°, 38%, 31%
HSV	225°, 55%, 43%
XYZ	5.9130, 5.4455, 15.4819
YIQ	64.7590, -23.7060, 11.1260

Conversions

Conversions Part 2

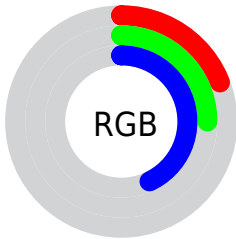
Format	Color
RYB	49, 61, 110
Decimal	3227758
CIELab	27.97, 8.60, -28.58
CIELCh	28, 29.847, 286.749
Yxy	5.4455, 0.2203, 0.2029
Android (android.graphics.Color)	4281417838 (0xFF31406E)
YUV	64.7590, 22.3038, -13.8206
Hunter-Lab	23.3356, 4.3924, -23.0006




Details

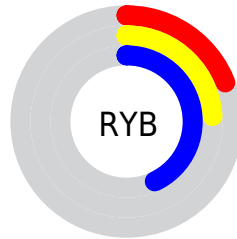
The YIQ color **64.7590, -23.7060, 11.1260** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **94.2410, 23.7060, -11.1260**, and the grayscale version is **65.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **113.5250, -22.9270, 13.5290**, and **19.9820, -25.9520, 7.7760** is the 20% darker color. If you saturate the color by 10%, you get **56.7740, -28.0620, 12.9780**, and if you desaturate by 10%, it is **72.7440, -19.3500, 9.2740**.

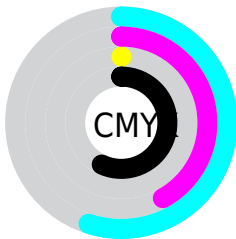
Distribution







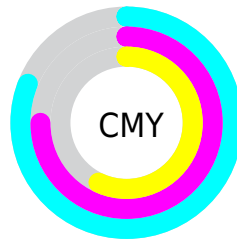
-  Red (19%)
-  Green (25%)
-  Blue (43%)






-  Red (19%)
-  Yellow (24%)
-  Blue (43%)



-  Cyan (55%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (81%)
-  Magenta (75%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7590, -23.7060, 11.1260 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 64.7590, -23.7060, 11.1260 by changing the saturation by 10% instead.

■ 64.7590, -23.7060,
11.1260

■ 64.7590, -23.7060,
11.1260

■ 255.0000, -0.0000,
-0.0000

■ 40.9220, -25.7230,
9.1330

■ 113.5250,
-22.9270, 13.5290

■ 19.9820, -25.9520,
7.7760

■ 139.6390,
-23.2480, 13.8400

■ 6.3210, -13.6650,
10.8710

■ 166.1660,
-23.2940, 14.6740

■ 2.5250, -5.7320,
4.7640

■ 193.3940,
-23.9360, 15.2960

■ 0.0000, 0.0000,
0.0000

■ 219.2280,
-17.8370, 9.3870

■ 244.3350, -8.2530,

0.8910

■ 64.7590, -23.7060,
11.1260

■ 64.7590, -23.7060,
11.1260

■ 56.7740, -28.0620,
12.9780

■ 72.7440, -19.3500,
9.2740

■ 48.2020, -32.1430,
15.3530

■ 81.3160, -15.2690,
6.8990

■ 40.2170, -36.4990,
17.2050

■ 89.3010, -10.9130,
5.0470

■ 32.2320, -40.8550,
19.0570

■ 97.2860, -6.5570,
3.1950

■ 28.3890, -42.7350,
20.0890

■ 105.2710, -2.2010,
1.3430

■ 113.8430, 1.8800,
-1.0320

■ 121.8280, 6.2360,
-2.8840

■ 129.8130, 10.5920,
-4.7360

■ 138.3850, 14.6730,
-7.1110

Harmonies

Analogous

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



54.2170, -54.8350, -2.9230



64.7590, -23.7060, 11.1260



68.5730, 3.4810, 19.5210

Triad

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



64.7590, -23.7060, 11.1260



64.7840, 35.8990, 4.6910



51.4690, -38.8300, -23.1660

Complementary

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



64.7590, -23.7060, 11.1260



94.2410, 23.7060, -11.1260

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.



59.1600, -7.1030, -19.9590



64.7590, -23.7060, 11.1260



64.1000, 28.6570, -7.2390

Square

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



64.7590, -23.7060, 11.1260



65.4500, 34.3840, 15.6320



62.4030, 14.2620, -16.1860



54.0910, -46.2130, -16.0130

Rectangle

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



64.7590, -23.7060, 11.1260



67.7550, 17.6480, 21.5840



62.4030, 14.2620, -16.1860



53.2590, -29.4310, -22.7990

Sweetspot

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



64.7590, -23.7060, 11.1260



124.6710, -9.0790, 4.8490



90.0510, -31.5410, -17.5970



60.9440, -5.5940, 2.2620



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.



64.7590, -23.7060, 11.1260



72.0320, -37.4160, 17.3040



60.4390, -10.6410, 22.1510



51.8580, -2.4760, 0.8200



31.2900, -46.7700, 21.6300



63.9650, -96.0620, 44.9140

Inverse Universe

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



68.9490, 31.5410, 17.5970



78.4400, 49.5120, 27.8160



98.5610, 10.6410, -22.1510



52.0220, 2.9340, 1.8940



39.3000, 61.8900, 34.7700



80.8070, 127.6310, 71.3350

Previews

White Background



This preview shows how the YIQ color 64.7590, -23.7060, 11.1260 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 64.7590, -23.7060, 11.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

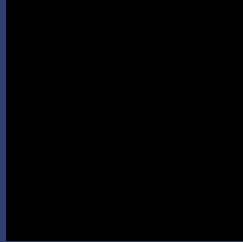
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.7590, -23.7060, 11.1260

Background



This preview shows how black text looks on a background with the YIQ color 64.7590, -23.7060, 11.1260.



This preview shows how white text looks on a background with the YIQ color 64.7590, -23.7060,

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

64.7590, -23.7060, 11.1260

Protanopia

64.1610, -24.8980, 10.7020

Deuteranopia

62.2310, -31.0870, 7.2250



Tritanopia

61.5180, -22.1900, -5.3420

Trichromacy



Original Color

64.7590, -23.7060, 11.1260

Protanomaly

64.4600, -24.3020, 10.9140

Deuteranomaly

62.8400, -28.4280, 8.5960

Tritanomaly

62.3210, -22.8330, 0.8070

Monochromacy



Original Color

64.7590, -23.7060, 11.1260

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7590, -23.7060, 11.1260 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(49, 64, 110)` looks like.

```
.text, #text, p{  
    color:rgb(49, 64, 110)  
}
```

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(49, 64, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 64, 110) }
```

Border

The CSS property to change the border of an element to YIQ 64.7590, -23.7060, 11.1260 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(49, 64, 110) }
```


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

```
.border{ border-color:rgb(49, 64, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 64, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 64, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 64, 110);  
box-shadow:4px 4px 4px 4px rgb(49, 64,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 64.7590, -23.7060, 11.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 64, 110) }
```

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

```
.background{ background-color: rgb(49, 64,  
110) }
```

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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