

Converting Colors

YIQ(79.5310, -23.0640, 10.5040)

Have a look what the booklet for
YIQ(79.5310, -23.0640, 10.5040)
contains.

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Color

**YIQ(79.5310, -23.0640,
10.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	404F7B
RGB	64, 79, 123
RGB Percent	25%, 31%, 48%
CMY	0.7490, 0.6902, 0.5178
CMYK	0.48, 0.36, 0.00, 0.52
HSL	225°, 32%, 37%
HSV	225°, 48%, 48%
XYZ	8.4838, 8.1121, 19.8470
YIQ	79.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

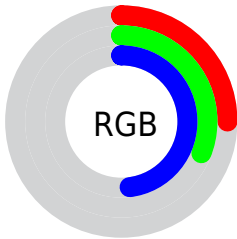
Format	Color
RYB	64, 76, 123
Decimal	4214651
CIELab	34.22, 7.01, -26.82
CIELCh	34, 27.722, 284.645
Yxy	8.1121, 0.2328, 0.2226
Android (android.graphics.Color)	4282404731 (0xFF404F7B)
YUV	79.5310, 21.4302, -13.6207
Hunter-Lab	28.4817, 3.3266, -21.3781

Details

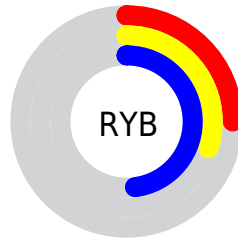
The YIQ color **79.5310, -23.0640, 10.5040** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **107.4690, 23.0640, -10.5040**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5850, -23.1560, 12.1720**, and **31.9710, -27.4190, 6.8290** is the 20% darker color. If you saturate the color by 10%, you get **70.6600, -27.7410, 12.6670**, and if you desaturate by 10%, it is **88.4020, -18.3870, 8.3410**.

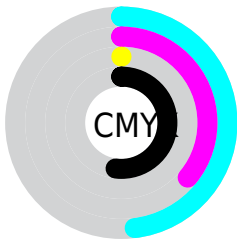
Distribution



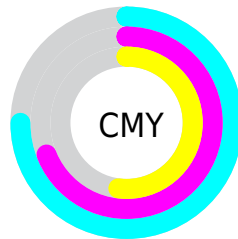
- Red (25%)
- Green (31%)
- Blue (48%)



- Red (25%)
- Yellow (30%)
- Blue (48%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5310, -23.0640, 10.5040 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 79.5310, -23.0640, 10.5040 by changing the saturation by 10% instead.

■ 79.5310, -23.0640,
10.5040

■ 79.5310, -23.0640,
10.5040

255.0000, -0.0000,
-0.0000

■ 55.7050, -23.6140,
9.4580

■ 129.5850,
-23.1560, 12.1720

■ 31.9710, -27.4190,
6.8290

■ 155.6990,
-23.4770, 12.4830

■ 13.4450, -19.9460,
9.0620

■ 182.8130,
-23.7980, 12.7940

■ 4.4800, -9.8590,
7.9730

■ 209.7700,
-22.2390, 12.0730

■ 0.0000, 0.0000,
0.0000

■ 234.8770,
-12.6550, 3.5770

254.7010, -0.5960,

-0.2120

■ 79.5310, -23.0640,
10.5040

■ 79.5310, -23.0640,
10.5040

■ 70.6600, -27.7410,
12.6670

■ 88.4020, -18.3870,
8.3410

■ 61.4900, -33.0140,
14.6180

■ 97.5720, -13.1140,
6.3900

■ 52.6190, -37.6910,
16.7810

■ 107.0300, -8.7120,
3.7040

■ 43.1610, -42.0930,
19.4670

■ 115.9010, -4.0350,
1.5410

■ 34.2900, -46.7700,
21.6300

■ 124.7720, 0.6420,
-0.6220

■ 32.2190, -48.0080,
22.0400

■ 133.9420, 5.9150,
-2.5730

■ 142.8130, 10.5920,
-4.7360

■ 151.6840, 15.2690,
-6.8990

■ 161.4410, 20.2670,
-9.3730

Harmonies

Analogous

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



66.2980, -59.5570, -5.4530



79.5310, -23.0640, 10.5040



83.1490, 1.7390, 18.0510

Triad

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



79.5310, -23.0640, 10.5040



80.0120, 35.2570, 5.3130



68.6440, -31.9530, -21.1450

Complementary

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



79.5310, -23.0640, 10.5040



107.4690, 23.0640, -10.5040

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.



74.7690, -4.4440, -18.5880



79.5310, -23.0640, 10.5040



79.1540, 28.5650, -5.5710

Square

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



79.5310, -23.0640, 10.5040



81.4390, 32.9170, 14.6850



77.6420, 15.0870, -14.6170



64.3780, -54.5110, -19.8150

Rectangle

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



79.5310, -23.0640, 10.5040



83.3310, 15.9060, 20.1140



77.6420, 15.0870, -14.6170



71.1460, -21.6830, -20.0430

Sweetspot

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



79.5310, -23.0640, 10.5040



144.1440, -9.0330, 4.0150



103.5350, -30.0280, -17.4840



71.3570, -5.3190, 2.7850



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.



79.5310, -23.0640, 10.5040



91.8040, -36.7740, 16.6820



74.9120, -10.5950, 21.3170



56.8580, -2.4760, 0.8200



33.0340, -48.9250, 22.1390



66.2960, -98.4920, 44.9000

Inverse Universe

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



83.3510, 30.3490, 17.1730



97.8420, 48.3200, 27.3920



112.0880, 10.5950, -21.3170



57.0220, 2.9340, 1.8940



41.0230, 64.2280, 36.4520



82.6440, 129.6480, 73.3280

Previews

White Background



This preview shows how the YIQ color 79.5310, -23.0640, 10.5040 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 79.5310, -23.0640, 10.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

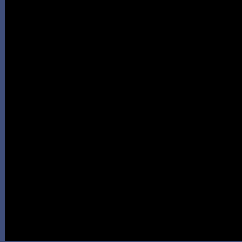
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5310, -23.0640, 10.5040

Background



This preview shows how black text looks on a background with the YIQ color 79.5310, -23.0640, 10.5040.

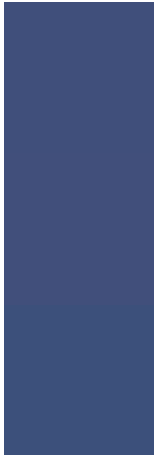


This preview shows how white text looks on a background with the YIQ color 79.5310, -23.0640,

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

79.5310, -23.0640, 10.5040

Protanopia

79.8300, -22.4680, 10.7160

Deuteranopia

78.9220, -25.7230, 9.1330



Tritanopia

76.8280, -20.1270, -4.1830

Trichromacy



Original Color

79.5310, -23.0640, 10.5040

Protanomaly

79.8300, -22.4680, 10.7160

Deuteranomaly

79.2210, -25.1270, 9.3450

Tritanomaly

77.8050, -21.3200, 0.9200

Monochromacy



Original Color

79.5310, -23.0640, 10.5040

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5310, -23.0640, 10.5040 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(64, 79, 123)` looks like.

```
.text, #text, p{  
    color:rgb(64, 79, 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(64, 79, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 79, 123) }
```

Border

The CSS property to change the border of an element to YIQ 79.5310, -23.0640, 10.5040 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(64, 79, 123) }
```


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

```
.border{ border-color:rgb(64, 79, 123) }
```

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

Here you see how a box with a 4 pixel rgb(64, 79, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 79, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 79, 123);  
box-shadow:4px 4px 4px 4px rgb(64, 79,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5310, -23.0640, 10.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 79, 123) }
```

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

```
.background{ background-color: rgb(64, 79,  
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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