

Converting Colors

YIQ(41.3510, -39.5720, 23.3400)

Have a look what the booklet for
YIQ(41.3510, -39.5720, 23.3400)
contains.

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Color

**YIQ(41.3510, -39.5720,
23.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	12257D
RGB	18, 37, 125
RGB Percent	7%, 15%, 49%
CMY	0.9294, 0.8549, 0.5100
CMYK	0.86, 0.70, 0.00, 0.51
HSL	229°, 75%, 28%
HSV	229°, 86%, 49%
XYZ	4.6093, 2.9315, 19.7057
YIQ	41.3510, -39.5720, 23.3400

Conversions

Conversions Part 2

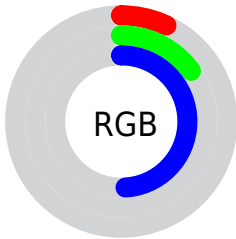
Format	Color
R_{YB}	18, 34, 125
Decimal	1189245
CIE _{Lab}	19.77, 28.17, -51.46
CIE _{LCh}	20, 58.665, 298.692
Yxy	2.9315, 0.1692, 0.1076
Android (android.graphics.Color)	4279379325 (0xFF12257D)
YUV	41.3510, 41.2390, -20.4788
Hunter-Lab	17.1215, 18.0917, -56.2536

Details

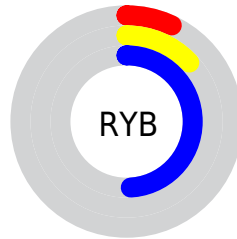
The YIQ color **41.3510, -39.5720, 23.3400** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **101.6490, 39.5720, -23.3400**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **93.6560, -29.9450, 30.5910**, and **8.5500, -24.0750, 23.3250** is the 20% darker color. If you saturate the color by 10%, you get **31.8930, -43.9740, 26.0260**, and if you desaturate by 10%, it is **51.1080, -34.5740, 20.8660**.

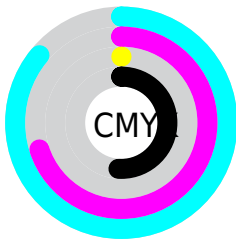
Distribution



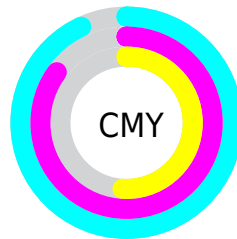
- Red (7%)
- Green (15%)
- Blue (49%)



- Red (7%)
- Yellow (13%)
- Blue (49%)



- Cyan (86%)
- Magenta (70%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.3510, -39.5720, 23.3400 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 41.3510, -39.5720, 23.3400 by changing the saturation by 10% instead.

■ 41.3510, -39.5720,
23.3400

■ 41.3510, -39.5720,
23.3400

■ 255.0000, -0.0000,
-0.0000

■ 21.2650, -36.4540,
21.8980

■ 93.6560, -29.9450,
30.5910

■ 8.5500, -24.0750,
23.3250

■ 119.1940,
-28.5240, 32.3720

■ 8.1620, -17.4710,
13.7690

■ 145.5470,
-28.0200, 34.2520

■ 4.4800, -9.8590,
7.9730

■ 171.4610,
-24.9020, 32.8100

■ 0.0000, 0.0000,
0.0000

■ 195.9810,
-15.0430, 24.8370

■ 221.0880, -5.4590,

16.3410

246.1950, 4.1250,
7.8450

41.3510, -39.5720,
23.3400

41.3510, -39.5720,
23.3400

31.8930, -43.9740,
26.0260

51.1080, -34.5740,
20.8660

27.1640, -46.1750,
27.3690

61.1530, -30.4470,
17.6570

70.6110, -26.0450,
14.9710

80.3680, -21.0470,
12.4970

89.8260, -16.6450,
9.8110

■ 100.1700,
-11.9220, 6.8140

■ 109.6280, -7.5200,
4.1280

■ 119.3850, -2.5220,
1.6540

■ 128.8430, 1.8800,
-1.0320

Harmonies

Analogous

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



47.7890, -58.7810, 13.5310



41.3510, -39.5720, 23.3400



38.7080, 26.1710, 48.8510

Triad

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



41.3510, -39.5720, 23.3400



41.3080, 49.1030, 7.6870



42.1110, -31.7700, -18.9540

Complementary

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



41.3510, -39.5720, 23.3400



101.6490, 39.5720, -23.3400

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.



35.8070, -16.7750, -31.9030



41.3510, -39.5720, 23.3400



45.5400, 24.3020, -10.9140

Square

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



41.3510, -39.5720, 23.3400



34.8840, 65.6970, 26.3450



37.6450, -7.3310, -26.8430



47.7140, -46.1690, -5.7930

Rectangle

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



41.3510, -39.5720, 23.3400



41.0120, 45.5660, 44.2700



37.6450, -7.3310, -26.8430



40.2870, -26.6340, -23.9300

Sweetspot

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



41.3510, -39.5720, 23.3400



129.8970, -15.4070, 9.4010



90.7270, -57.3520, -28.9040



61.8990, -9.7210, 5.4710



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.



41.3510, -39.5720, 23.3400



35.6050, -60.2980, 35.5260



40.3640, -14.0830, 40.4850



56.2710, -2.2010, 1.3430



27.1640, -46.1750, 27.3690



55.1430, -93.2670, 54.8370

Inverse Universe

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



52.1590, 57.6730, 28.5930



52.0430, 87.8390, 43.5750



102.6360, 14.0830, -40.4850



56.9080, 3.2550, 1.5830



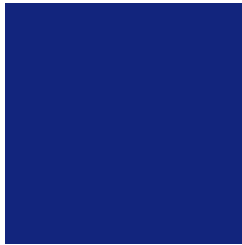
39.8830, 67.4380, 33.3420



80.4780, 135.7470, 67.4190

Previews

White Background



This preview shows how the YIQ color 41.3510, -39.5720, 23.3400 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 41.3510, -39.5720, 23.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

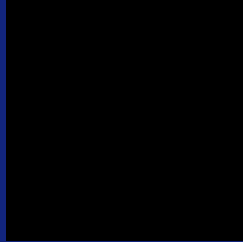
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.3510, -39.5720, 23.3400

Background



This preview shows how black text looks on a background with the YIQ color 41.3510, -39.5720, 23.3400.



This preview shows how white text looks on a background with the YIQ color 41.3510, -39.5720,

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

41.3510, -39.5720, 23.3400

Protanopia

38.7610, -44.3830, 5.8970

Deuteranopia

38.9260, -40.7140, -0.0260



Tritanopia

38.1960, -33.1470, -10.5150

Trichromacy



Original Color

41.3510, -39.5720, 23.3400

Protanomaly

39.6460, -42.3210, 12.5830

Deuteranomaly

39.7940, -39.9820, 8.7380

Tritanomaly

39.6170, -35.3500, 1.8820

Monochromacy



Original Color

41.3510, -39.5720, 23.3400

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.5550, -14.4440, 8.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.3510, -39.5720, 23.3400 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(18, 37, 125)` looks like.

```
.text, #text, p{  
    color:rgb(18, 37, 125)  
}
```

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(18, 37, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 37, 125) }
```

Border

The CSS property to change the border of an element to YIQ 41.3510, -39.5720, 23.3400 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(18, 37, 125) }
```


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

```
.border{ border-color:rgb(18, 37, 125) }
```

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

Here you see how a box with a 4 pixel rgb(18, 37, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 37, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 37, 125);  
box-shadow:4px 4px 4px 4px rgb(18, 37,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 41.3510, -39.5720, 23.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 37, 125) }
```

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

```
.background{ background-color: rgb(18, 37,  
125) }
```

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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