

Converting Colors

YIQ(25.9920, -39.9390, 24.4850)

Have a look what the booklet for
YIQ(25.9920, -39.9390, 24.4850)
contains.

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Color

**YIQ(25.9920, -39.9390,
24.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	031570
RGB	3, 21, 112
RGB Percent	1%, 8%, 44%
CMY	0.9882, 0.9176, 0.5610
CMYK	0.97, 0.81, 0.00, 0.56
HSL	230°, 95%, 23%
HSV	230°, 97%, 44%
XYZ	3.2273, 1.7246, 15.4750
YIQ	25.9920, -39.9390, 24.4850

Conversions

Conversions Part 2

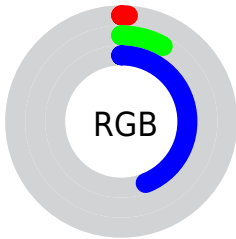
Format	Color
R_{YB}	3, 18, 112
Decimal	202096
CIE _{Lab}	13.97, 32.73, -52.70
CIE _{LCh}	14, 62.036, 301.841
Yxy	1.7246, 0.1580, 0.0844
Android (android.graphics.Color)	4278392176 (0xFF031570)
YUV	25.9920, 42.4019, -20.1640
Hunter-Lab	13.1322, 20.8856, -60.6746

Details

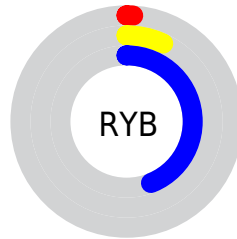
The YIQ color **25.9920, -39.9390, 24.4850** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **89.0080, 39.9390, -24.4850**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.6890, -25.5440, 33.4320**, and **7.7690, -20.4980, 19.0700** is the 20% darker color. If you saturate the color by 10%, you get **23.3340, -40.9020, 25.4180**, and if you desaturate by 10%, it is **34.5640, -35.8580, 22.1100**.

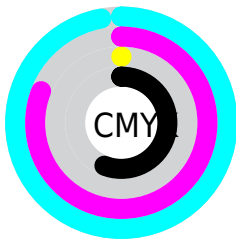
Distribution



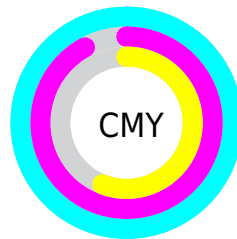
- Red (1%)
- Green (8%)
- Blue (44%)



- Red (1%)
- Yellow (7%)
- Blue (44%)



- Cyan (97%)
- Magenta (81%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (92%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.9920, -39.9390, 24.4850 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 25.9920, -39.9390, 24.4850 by changing the saturation by 10% instead.

■ 25.9920, -39.9390,
24.4850

■ 25.9920, -39.9390,
24.4850

■ 251.4780, 1.6500,
3.1380

■ 9.9180, -27.9270,
27.0570

■ 79.6890, -25.5440,
33.4320

■ 7.7690, -20.4980,
19.0700

■ 104.6400,
-23.8480, 35.7360

■ 6.3210, -13.6650,
10.8710

■ 130.9930,
-23.3440, 37.6160

■ 2.5250, -5.7320,
4.7640

■ 157.9330,
-23.1150, 38.9730

■ 0.0000, 0.0000,
0.0000

■ 182.4360,
-14.5860, 33.0780

■ 207.5430, -5.0020,

24.5820

■ 232.6500, 4.5820,
16.0860

■ 25.9920, -39.9390,
24.4850

■ 25.9920, -39.9390,
24.4850

■ 23.3340, -40.9020,
25.4180

■ 34.5640, -35.8580,
22.1100

■ 43.7230, -32.0520,
19.2120

■ 52.5940, -27.3750,
17.0490

■ 61.1660, -23.2940,
14.6740

■ 70.3250, -19.4880,
11.7760

■ 78.8970, -15.4070,
9.4010

■ 87.4690, -11.3260,
7.0260

■ 96.9270, -6.9240,
4.3400

■ 105.4990, -2.8430,
1.9650

Harmonies

Analogous

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



39.6050, -52.2710, 16.6970



25.9920, -39.9390, 24.4850



34.3070, 25.6220, 42.2780

Triad

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



25.9920, -39.9390, 24.4850



28.5940, 42.5460, 10.8820



34.1550, -25.9020, -15.1660

Complementary

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



25.9920, -39.9390, 24.4850



89.0080, 39.9390, -24.4850

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.



28.7630, -13.4750, -25.6270



25.9920, -39.9390, 24.4850



33.4020, 16.0030, -9.1890

Square

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



25.9920, -39.9390, 24.4850



29.3020, 58.4080, 20.7760



26.4150, -12.3750, -23.5350



39.7580, -40.3010, -2.0050

Rectangle

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



25.9920, -39.9390, 24.4850



35.7850, 44.4670, 36.6510



26.4150, -12.3750, -23.5350



32.4450, -21.0870, -19.8310

Sweetspot

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



25.9920, -39.9390, 24.4850



111.8970, -15.4070, 9.4010



77.3570, -59.1860, -28.7060



53.3120, -9.4460, 5.9940



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



25.9920, -39.9390, 24.4850



30.6180, -53.1450, 32.5430



26.1900, -13.5330, 41.5310



51.2710, -2.2010, 1.3430



25.4200, -44.0200, 26.8600



52.2250, -90.5620, 55.3740

Inverse Universe

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



37.6430, 59.1860, 28.7060



46.0910, 78.7160, 38.2040



88.8100, 13.5330, -41.5310



51.9080, 3.2550, 1.5830



38.1600, 65.1000, 31.6600



78.5270, 134.0510, 65.1150

Previews

White Background



This preview shows how the YIQ color 25.9920, -39.9390, 24.4850 looks on a white background.

Color Contrast Check

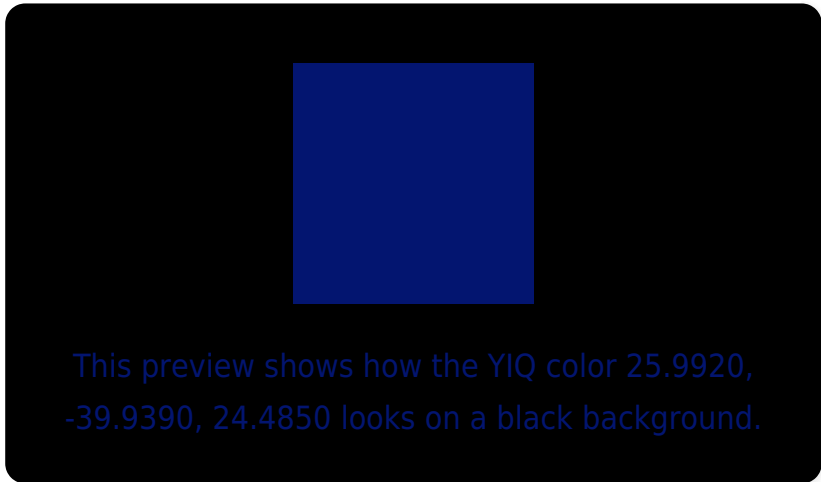
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

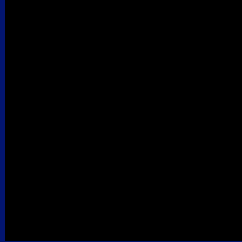
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.9920, -39.9390, 24.4850

Background



This preview shows how black text looks on a background with the YIQ color 25.9920, -39.9390, 24.4850.



This preview shows how white text looks on a background with the YIQ color 25.9920, -39.9390,

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

25.9920, -39.9390, 24.4850

Protanopia

29.7960, -34.2960, 4.8080

Deuteranopia

30.1890, -31.2690, -0.4930



Tritanopia

29.6700, -25.6740, -8.2820

Trichromacy



Original Color

25.9920, -39.9390, 24.4850

Protanomaly

28.6420, -36.4980, 11.6780

Deuteranomaly

28.3170, -34.2050, 8.6670

Tritanomaly

28.1230, -30.9030, 3.8890

Monochromacy



Original Color

25.9920, -39.9390, 24.4850

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.9680, -14.1690, 8.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.9920, -39.9390, 24.4850 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(3, 21, 112)` looks like.

```
.text, #text, p{  
    color:rgb(3, 21, 112)  
}
```

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(3, 21, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 21, 112) }
```

Border

The CSS property to change the border of an element to YIQ 25.9920, -39.9390, 24.4850 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(3, 21, 112) }
```


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

```
.border{ border-color:rgb(3, 21, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 21, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 21, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 21, 112);  
box-shadow:4px 4px 4px 4px rgb(3, 21, 112)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.9920, -39.9390, 24.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 21, 112) }
```

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

```
.background{ background-color: rgb(3, 21,  
112) }
```

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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