

Converting Colors

YIQ(28.3790, -19.5800, 13.4440)

Have a look what the booklet for
YIQ(28.3790, -19.5800, 13.4440)
contains.

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Color

**YIQ(28.3790, -19.5800,
13.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	121949
RGB	18, 25, 73
RGB Percent	7%, 10%, 29%
CMY	0.9294, 0.9019, 0.7138
CMYK	0.75, 0.66, 0.00, 0.71
HSL	232°, 60%, 18%
HSV	232°, 75%, 29%
XYZ	1.7988, 1.3047, 6.4553
YIQ	28.3790, -19.5800, 13.4440

Conversions

Conversions Part 2

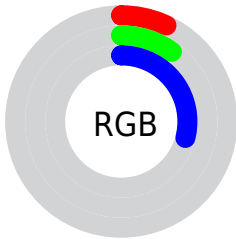
Format	Color
RYB	18, 24, 73
Decimal	1186121
CIELab	11.31, 15.54, -30.90
CIELCh	11, 34.589, 296.695
Yxy	1.3047, 0.1882, 0.1365
Android (android.graphics.Color)	4279376201 (0xFF121949)
YUV	28.3790, 21.9982, -9.1024
Hunter-Lab	11.4222, 8.1223, -25.5121

Details

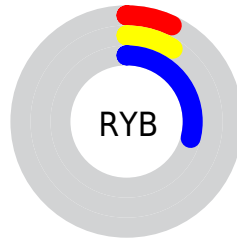
The YIQ color **28.3790, -19.5800, 13.4440** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **62.6210, 19.5800, -13.4440**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **74.4550, -16.7380, 17.0060**, and **4.3660, -9.5380, 7.6620** is the 20% darker color. If you saturate the color by 10%, you get **22.7640, -22.1020, 15.0980**, and if you desaturate by 10%, it is **33.9940, -17.0580, 11.7900**.

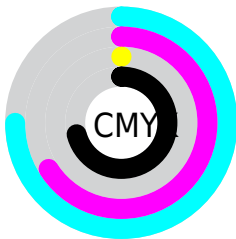
Distribution



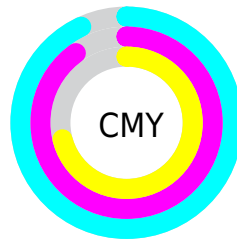
- Red (7%)
- Green (10%)
- Blue (29%)



- Red (7%)
- Yellow (9%)
- Blue (29%)



- Cyan (75%)
- Magenta (66%)
- Yellow (0%)
- Black (71%)



- Cyan (93%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.3790, -19.5800, 13.4440 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 28.3790, -19.5800, 13.4440 by changing the saturation by 10% instead.

■ 28.3790, -19.5800,
13.4440

■ 28.3790, -19.5800,
13.4440

■ 252.6520, 1.1000,
2.0920

■ 5.7000, -16.0500,
15.5500

■ 74.4550, -16.7380,
17.0060

■ 4.3660, -9.5380,
7.6620

■ 98.3950, -16.5090,
18.3630

■ 0.0000, 0.0000,
0.0000

■ 123.9220,
-16.5550, 19.1970

■ 149.8620,
-16.3260, 20.5540

■ 176.9760,
-16.6470, 20.8650

■ 203.9330,

-15.0880, 20.1440

■ 228.7410, -6.1000,
11.4360

■ 28.3790, -19.5800,
13.4440

■ 28.3790, -19.5800,
13.4440

■ 22.7640, -22.1020,
15.0980

■ 33.9940, -17.0580,
11.7900

■ 16.2630, -24.9450,
17.0630

■ 40.4950, -14.2150,
9.8250

■ 13.6050, -25.9080,
17.9960

■ 46.1100, -11.6930,
8.1710

■ 51.7250, -9.1710,
6.5170

■ 57.9270, -6.9240,
4.3400

■ 63.8410, -3.8060,
2.8980

■ 70.0430, -1.5590,
0.7210

■ 75.6580, 0.9630,
-0.9330

■ 81.5720, 4.0810,
-2.3750

Harmonies

Analogous

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



28.8500, -34.3880, 6.4760



28.3790, -19.5800, 13.4440



28.1120, 12.3290, 24.3690

Triad

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



28.3790, -19.5800, 13.4440



27.3210, 29.8930, 3.4050



26.5580, -19.6670, -12.5230

Complementary

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



28.3790, -19.5800, 13.4440



62.6210, 19.5800, -13.4440

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.



22.3060, -10.4500, -19.8740



28.3790, -19.5800, 13.4440



28.6950, 16.7360, -5.9520

Square

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



28.3790, -19.5800, 13.4440



21.7880, 39.2440, 15.6600



25.9270, 1.1030, -14.4890



29.2940, -27.3710, -5.0590

Rectangle

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



28.3790, -19.5800, 13.4440



24.5220, 25.8540, 27.0540



25.9270, 1.1030, -14.4890



25.5320, -16.7780, -15.3220

Sweetspot

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



28.3790, -19.5800, 13.4440



76.5680, -7.2910, 5.4850



55.7570, -30.5330, -13.8370



37.6560, -4.7230, 2.9970



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



28.3790, -19.5800, 13.4440



25.1470, -30.3100, 20.6820



30.2500, -5.7350, 21.3450



33.0430, -1.5590, 0.7210



18.9170, -35.3540, 23.9900



42.9010, -80.8420, 55.4300

Inverse Universe

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



35.2430, 30.5330, 13.8370



35.6690, 47.1290, 21.4410



60.7500, 5.7350, -21.3450



33.3100, 2.0630, 1.1590



31.0830, 54.8310, 25.0310



71.1790, 125.9830, 57.1430

Previews

White Background



This preview shows how the YIQ color 28.3790, -19.5800, 13.4440 looks on a white background.

Color Contrast Check

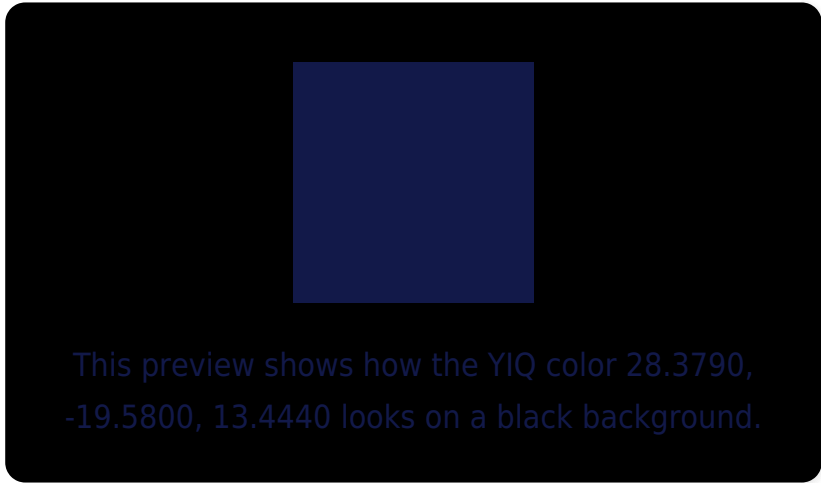
Large Text (above 18pt) WCAG AA ✓ Pass

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

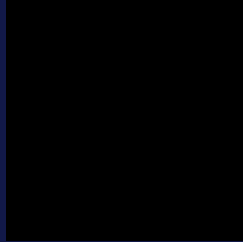
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.3790, -19.5800, 13.4440

Background



This preview shows how black text looks on a background with the YIQ color 28.3790, -19.5800, 13.4440.



This preview shows how white text looks on a background with the YIQ color 28.3790, -19.5800,

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

28.3790, -19.5800, 13.4440

Protanopia

24.7920, -28.4730, 3.9030

Deuteranopia

24.9400, -26.1340, 0.0580



Tritanopia

24.0620, -20.9060, -6.5860

Trichromacy



Original Color

28.3790, -19.5800, 13.4440

Protanomaly

26.1670, -25.0350, 7.6770

Deuteranomaly

26.0700, -23.3840, 5.2880

Tritanomaly

25.8760, -20.0820, 0.5100

Monochromacy



Original Color

28.3790, -19.5800, 13.4440

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.0410, -7.2450, 4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.3790, -19.5800, 13.4440 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, 25, 73)` looks like.

```
.text, #text, p{  
    color:rgb(18, 25, 73)  
}
```

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, 25, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 25, 73) }
```

Border

The CSS property to change the border of an element to YIQ 28.3790, -19.5800, 13.4440 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, 25, 73) }
```


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

```
.border{ border-color:rgb(18, 25, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 25, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 25, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 25, 73);  
box-shadow:4px 4px 4px 4px rgb(18, 25, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.3790, -19.5800, 13.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 25, 73) }
```

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

```
.background{ background-color: rgb(18, 25,  
73) }
```

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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