

Converting Colors

YIQ(63.1220, -19.9940, 20.9500)

Have a look what the booklet for
YIQ(63.1220, -19.9940, 20.9500)
contains.

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Color

**YIQ(63.1220, -19.9940,
20.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	393779
RGB	57, 55, 121
RGB Percent	22%, 22%, 47%
CMY	0.7764, 0.7843, 0.5256
CMYK	0.53, 0.55, 0.00, 0.53
HSL	242°, 37%, 35%
HSV	242°, 55%, 47%
XYZ	6.5033, 4.9822, 18.6974
YIQ	63.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

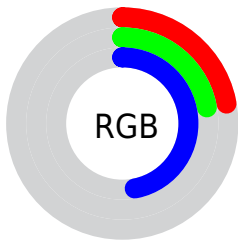
Format	Color
RYB	57, 55, 121
Decimal	3749753
CIELab	26.68, 20.52, -37.57
CIElCh	27, 42.812, 298.643
Yxy	4.9822, 0.2155, 0.1651
Android (android.graphics.Color)	4281939833 (0xFF393779)
YUV	63.1220, 28.5339, -5.3690
Hunter-Lab	22.3208, 12.9458, -34.0407

Details

The YIQ color **63.1220, -19.9940, 20.9500** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **112.8780, 19.9940, -20.9500**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3010, -18.9400, 23.8760**, and **16.4260, -26.9620, 15.0700** is the 20% darker color. If you saturate the color by 10%, you get **52.4900, -23.8460, 24.6820**, and if you desaturate by 10%, it is **73.7540, -16.1420, 17.2180**.

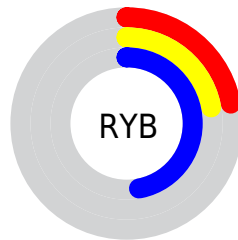
Distribution



Red (22%)

Green (22%)

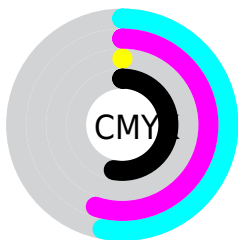
Blue (47%)



Red (22%)

Yellow (22%)

Blue (47%)

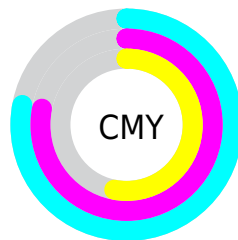


Cyan (53%)

Magenta (55%)

Yellow (0%)

Black (53%)



Cyan (78%)

Magenta (78%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.1220, -19.9940, 20.9500 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 63.1220, -19.9940, 20.9500 by changing the saturation by 10% instead.

■ 63.1220, -19.9940,
20.9500

■ 63.1220, -19.9940,
20.9500

■ 255.0000, -0.0000,
-0.0000

■ 39.8720, -22.2860,
18.4340

■ 112.3010,
-18.9400, 23.8760

■ 16.4260, -26.9620,
15.0700

■ 138.1270,
-18.3900, 24.9220

■ 5.5860, -15.7290,
15.2390

■ 164.7680,
-18.7570, 26.0670

■ 3.6650, -8.9420,
7.8740

■ 191.8390,
-17.5190, 25.6570

■ 0.0000, 0.0000,
0.0000

■ 216.0600, -8.2560,
17.4720

■ 241.1670, 1.3280,

8.9760

■ 63.1220, -19.9940,
20.9500

■ 63.1220, -19.9940,
20.9500

■ 52.4900, -23.8460,
24.6820

■ 73.7540, -16.1420,
17.2180

■ 42.1570, -27.1020,
28.6260

■ 84.0870, -12.8860,
13.2740

■ 31.5250, -30.9540,
32.3580

■ 94.7190, -9.0340,
9.5420

■ 20.8930, -34.8060,
36.0900

■ 105.3510, -5.1820,
5.8100

■ 14.9900, -36.4570,
38.4790

■ 115.9830, -1.3300,
2.0780

■ 126.9030, 1.6510,
-2.3890

■ 137.5350, 5.5030,
-6.1210

■ 148.1670, 9.3550,
-9.8530

■ 158.7990, 13.2070,
-13.5850

Harmonies

Analogous

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



54.6220, -60.1090, 4.5550



63.1220, -19.9940, 20.9500



63.3780, 17.6920, 31.8040

Triad

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



63.1220, -19.9940, 20.9500



59.2010, 47.5460, -2.6460



52.1530, -40.7560, -21.3000

Complementary

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



63.1220, -19.9940, 20.9500



112.8780, 19.9940, -20.9500

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.



46.9890, -28.9710, -31.1390



63.1220, -19.9940, 20.9500



59.4280, 30.3090, -15.1550

Square

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



63.1220, -19.9940, 20.9500



57.9420, 50.6140, 18.8540



55.1430, 8.7620, -26.6460



55.9150, -51.3490, -11.0370

Rectangle

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



63.1220, -19.9940, 20.9500



59.5990, 36.1230, 33.6830



55.1430, 8.7620, -26.6460



50.7850, -36.9040, -25.0320

Sweetspot

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



63.1220, -19.9940, 20.9500



136.1490, -7.4290, 7.9870



100.6790, -39.0610, -13.4690



65.7100, -4.8150, 4.6650



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



63.1220, -19.9940, 20.9500



67.6390, -31.2750, 32.6690



72.6900, -0.9220, 27.7340



55.6840, -1.9260, 1.8660



15.4460, -37.7410, 39.7230



31.1200, -76.1240, 80.0680

Inverse Universe

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



82.0300, 18.7920, 33.8960



97.1970, 29.2880, 52.9360



103.3100, 0.9220, -27.7340



57.4780, 1.6500, 3.1380



51.1690, 35.6590, 64.1310



103.2780, 71.5470, 129.6190

Previews

White Background



This preview shows how the YIQ color 63.1220, -19.9940, 20.9500 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 63.1220, -19.9940, 20.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

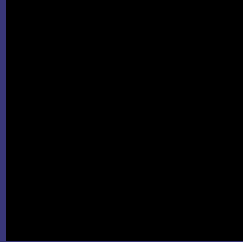
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.1220, -19.9940, 20.9500

Background



This preview shows how black text looks on a background with the YIQ color 63.1220, -19.9940, 20.9500.



This preview shows how white text looks on a background with the YIQ color 63.1220, -19.9940,

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

63.1220, -19.9940, 20.9500

Protanopia

55.0690, -48.0060, 10.9860

Tritanopia

59.9100, -17.4220, -3.6460

Trichromacy



Original Color

63.1220, -19.9940, 20.9500

Protanomaly

58.1520, -37.8740, 14.5900

Tritanomaly

61.2940, -18.2030, 5.0050

Monochromacy



Original Color

63.1220, -19.9940, 20.9500

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0350, -7.1080, 7.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.1220, -19.9940, 20.9500 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(57, 55, 121)` looks like.

```
.text, #text, p{  
    color:rgb(57, 55, 121)  
}
```

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(57, 55, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 55, 121) }
```

Border

The CSS property to change the border of an element to YIQ 63.1220, -19.9940, 20.9500 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(57, 55, 121) }
```

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

```
.border{ border-color:rgb(57, 55, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 55, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 55, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 55, 121);  
box-shadow:4px 4px 4px 4px rgb(57, 55,  
121) }
```


Background

The CSS property to change the background color of an element to YIQ 63.1220, -19.9940, 20.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 55, 121) }
```

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

```
.background{ background-color: rgb(57, 55,  
121) }
```

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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