

Converting Colors

YIQ(91.9950, -18.7990, 4.7930)

Have a look what the booklet for
YIQ(91.9950, -18.7990, 4.7930)
contains.

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Color

**YIQ(91.9950, -18.7990,
4.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5E79
RGB	77, 94, 121
RGB Percent	30%, 37%, 47%
CMY	0.6981, 0.6313, 0.5256
CMYK	0.36, 0.22, 0.00, 0.53
HSL	217°, 22%, 39%
HSV	217°, 36%, 47%
XYZ	10.5131, 10.9641, 19.6435
YIQ	91.9950, -18.7990, 4.7930

Conversions

Conversions Part 2

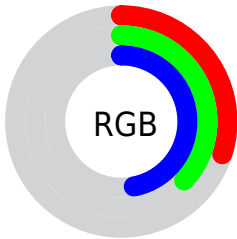
Format	Color
R _Y B	77, 89, 121
Decimal	5070457
CIE Lab	39.52, 0.70, -17.29
CIE LCh	40, 17.300, 272.328
Yxy	10.9641, 0.2557, 0.2666
Android (android.graphics.Color)	4283260537 (0xFF4D5E79)
YUV	91.9950, 14.2995, -13.1506
Hunter-Lab	33.1121, -1.2722, -11.9949

Details

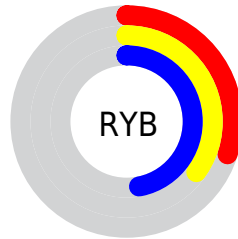
The YIQ color **91.9950, -18.7990, 4.7930** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.0050, 18.7990, -4.7930**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.2230, -19.4410, 5.4150**, and **45.3540, -18.4320, 3.6480** is the 20% darker color. If you saturate the color by 10%, you get **84.2980, -24.0260, 5.9100**, and if you desaturate by 10%, it is **99.6920, -13.5720, 3.6760**.

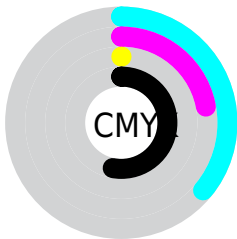
Distribution



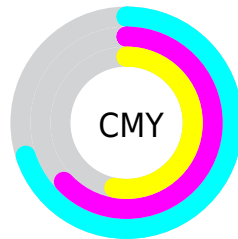
- Red (30%)
- Green (37%)
- Blue (47%)



- Red (30%)
- Yellow (35%)
- Blue (47%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.9950, -18.7990, 4.7930 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 91.9950, -18.7990, 4.7930 by changing the saturation by 10% instead.

■ 91.9950, -18.7990,
4.7930

■ 91.9950, -18.7990,
4.7930

■ 255.0000, -0.0000,
-0.0000

■ 67.8810, -18.4780,
4.4820

■ 142.2230,
-19.4410, 5.4150

■ 45.3540, -18.4320,
3.6480

■ 169.3370,
-19.7620, 5.7260

■ 23.0440, -20.4950,
2.4890

■ 196.4510,
-20.0830, 6.0370

■ 4.4800, -9.8590,
7.9730

■ 224.2230,
-19.4410, 5.4150

■ 0.0000, 0.0000,
0.0000

■ 249.6180,
-10.7280, -3.8160

■ 91.9950, -18.7990,
4.7930

■ 91.9950, -18.7990,
4.7930

■ 84.2980, -24.0260,
5.9100

■ 99.6920, -13.5720,
3.6760

■ 76.0140, -28.9780,
7.5500

■ 107.9760, -8.6200,
2.0360

■ 68.3170, -34.2050,
8.6670

■ 115.6730, -3.3930,
0.9190

■ 60.0330, -39.1570,
10.3070

■ 123.9570, 1.5590,
-0.7210

■ 52.3360, -44.3840,
11.4240

■ 131.6540, 6.7860,
-1.8380

■ 44.3400, -50.2070,
12.3290

■ 140.2370, 12.3340,
-3.2660

■ 41.3830, -51.7660,
13.0500

■ 147.9340, 17.5610,
-4.3830

■ 155.6310, 22.7880,

-5.5000

■ 163.9150, 27.7400,
-7.1400

Harmonies

Analogous

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



88.6190, -29.6640, -2.0480



91.9950, -18.7990, 4.7930



94.5840, -4.2200, 10.4040

Triad

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



91.9950, -18.7990, 4.7930



94.4930, 23.6570, 6.2890



89.0490, -10.8640, -12.3680

Complementary

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



91.9950, -18.7990, 4.7930



106.0050, 18.7990, -4.7930

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.



90.8180, 3.0280, -10.8280



91.9950, -18.7990, 4.7930



93.6080, 21.5950, -0.3970

Square

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



91.9950, -18.7990, 4.7930



95.3880, 19.7590, 10.8550



92.4990, 14.3520, -6.8000



87.0460, -23.9770, -11.5050

Rectangle

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



91.9950, -18.7990, 4.7930



95.3140, 5.4080, 12.1280



92.4990, 14.3520, -6.8000



89.5010, -6.3250, -12.0290

Sweetspot

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



91.9950, -18.7990, 4.7930



146.4600, -7.1070, 2.1490



105.7920, -20.4460, -14.9260



72.4880, -4.3100, 1.0180



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.



91.9950, -18.7990, 4.7930



112.1280, -29.2990, 7.8610



83.2120, -11.7400, 14.5320



56.8580, -2.4760, 0.8200



42.4260, -53.3250, 13.7710



86.2540, -107.8420, 27.1180

Inverse Universe

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



92.0940, 20.7670, 14.6150



112.5950, 32.7780, 22.7140



114.7880, 11.7400, -14.5320



57.0220, 2.9340, 1.8940



42.8470, 59.0920, 41.4280



86.5200, 118.7340, 83.9020

Previews

White Background



This preview shows how the YIQ color 91.9950, -18.7990, 4.7930 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 × Fail

Black Background



This preview shows how the YIQ color 91.9950, -18.7990, 4.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

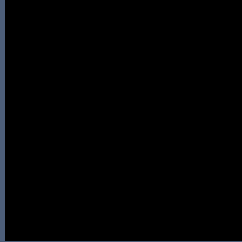
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

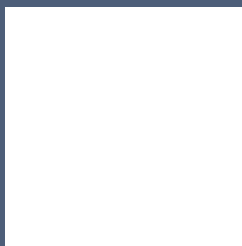
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 91.9950, -18.7990, 4.7930

Background



This preview shows how black text looks on a background with the YIQ color 91.9950, -18.7990, 4.7930.



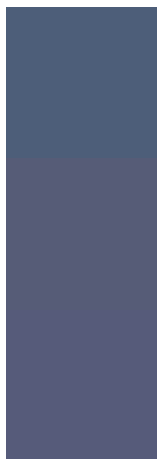
This preview shows how white text looks on a background with the YIQ color 91.9950, -18.7990,

4.7930.

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

91.9950, -18.7990, 4.7930

Protanopia

93.2840, -12.2430, 7.1250

Deuteranopia

93.0390, -12.9310, 8.5810



Tritanopia

90.7360, -16.8720, -2.6000

Trichromacy



Original Color

91.9950, -18.7990, 4.7930

Protanomaly

93.0880, -14.6270, 6.2770

Deuteranomaly

92.7290, -14.9940, 7.4220

Tritanomaly

91.1320, -17.9270, 0.0010

Monochromacy



Original Color

91.9950, -18.7990, 4.7930

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.3460, -6.7860, 1.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.9950, -18.7990, 4.7930 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(77, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(77, 94, 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(77, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 94, 121) }
```

Border

The CSS property to change the border of an element to YIQ 91.9950, -18.7990, 4.7930 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(77, 94, 121) }
```


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

```
.border{ border-color:rgb(77, 94, 121) }
```

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

Here you see how a box with a 4 pixel rgb(77, 94, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(77, 94,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 91.9950, -18.7990, 4.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 94, 121) }
```

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

```
.background{ background-color: rgb(77, 94,  
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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