

Converting Colors

YUV(19.7990, 38.5531, 1.0533)

Have a look what the booklet for
YUV(19.7990, 38.5531, 1.0533)
contains.

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Color

**YUV(19.7990, 38.5531,
1.0533)**

Conversions

Conversions Part 1

Format	Color
Hex	150462
RGB	21, 4, 98
RGB Percent	8%, 2%, 38%
CMY	0.9176, 0.9843, 0.6157
CMYK	0.79, 0.96, 0.00, 0.62
HSL	251°, 92%, 20%
HSV	251°, 96%, 38%
XYZ	2.5573, 1.1281, 11.6382
YIQ	19.7990, -20.0420, 32.8380

Conversions

Conversions Part 2

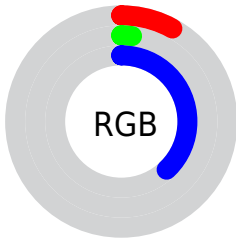
Format	Color
R_{YB}	21, 4, 98
Decimal	1377378
CIE Lab	10.02, 37.69, -50.06
CIE LCh	10, 62.661, 306.973
Yxy	1.1281, 0.1669, 0.0736
Android (android.graphics.Color)	4279567458 (0xFF150462)
YUV	19.7990, 38.5531, 1.0533
Hunter-Lab	10.6212, 24.3904, -57.5323

Details

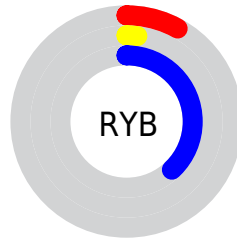
The YUV color **19.7990, 38.5531, 1.0533** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **82.2010, -38.5531, -1.0533**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3700, 39.2576, 8.4455**, and **8.0480, 20.6823, -7.0581** is the 20% darker color. If you saturate the color by 10%, you get **16.5540, 40.1529, 1.2681**, and if you desaturate by 10%, it is **28.0610, 34.4799, 0.8235**.

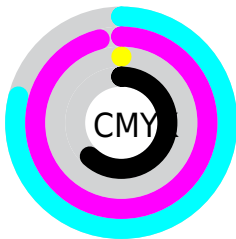
Distribution



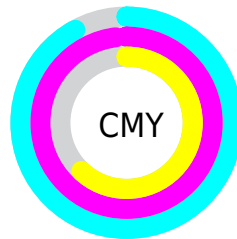
- Red (8%)
- Green (2%)
- Blue (38%)



- Red (8%)
- Yellow (2%)
- Blue (38%)



- Cyan (79%)
- Magenta (96%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.7990, 38.5531, 1.0533 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 YUV color 19.7990, 38.5531, 1.0533 by changing the saturation by 10% instead.

■ 19.7990, 38.5531,
1.0533

■ 19.7990, 38.5531,
1.0533

■ 242.6730, 6.0772,
10.8108

■ 8.4360, 32.3231,
-7.3984

■ 70.3700, 39.2576,
8.4455

■ 8.0480, 20.6823,
-7.0581

■ 95.9080, 39.9784,
10.6047

■ 3.7790, 11.9410,
-3.3142

■ 121.8480, 40.9939,
11.5343


■ 0.0000, 0.0000,
0.0000


■ 148.0870, 41.8621,
13.0787


■ 174.2290, 39.8201,
14.7082


■ 198.7490, 27.7317,


18.6371


 224.1550, 15.2066,
22.6661


 19.7990, 38.5531,
1.0533


 19.7990, 38.5531,
1.0533


 16.5540, 40.1529,
1.2681

 28.0610, 34.4799,
0.8235

 36.3230, 30.4068,
0.5937

 43.9980, 26.6230,
0.8788

 52.2600, 22.5498,
0.6490

 60.5220, 18.4767,
0.4192

■ 68.7840, 14.4035,
0.1894

■ 77.0460, 10.3303,
-0.0403

■ 84.7210, 6.5465,
0.2447

■ 92.9830, 2.4734,
0.0149

Harmonies

Analogous

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



32.5950, 41.1187, -28.5858



19.7990, 38.5531, 1.0533



30.9880, 15.2889, 42.9835

Triad

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



19.7990, 38.5531, 1.0533



22.6360, -11.1595, 32.7682



28.2850, 4.2965, -24.8059

Complementary

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



19.7990, 38.5531, 1.0533



82.2010, -38.5531, -1.0533

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.



23.4800, -11.5756, -20.5920



19.7990, 38.5531, 1.0533



25.6830, -12.6617, 1.1550

Square

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



19.7990, 38.5531, 1.0533



25.1160, -12.3822, 51.6413



22.8930, -11.2862, -20.0772



34.2470, 22.0632, -30.0346

Rectangle

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



19.7990, 38.5531, 1.0533



31.3840, 1.2897, 53.1602



22.8930, -11.2862, -20.0772



25.9880, -1.9661, -22.7915

Sweetspot

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



19.7990, 38.5531, 1.0533



97.0120, 15.2771, -0.0105



60.5020, 18.4865, -49.5523



44.8180, 9.4567, 0.1596



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



19.7990, 38.5531, 1.0533



21.4690, 52.5198, 1.3427



33.5530, 31.7724, 29.3330



44.4560, 1.7472, -0.3999



18.7480, 45.9732, 1.0980



40.2170, 98.4930, 2.4407

Inverse Universe

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



40.8840, 19.7772, 50.0907



50.1280, 26.5589, 68.2937



68.4470, -31.7724, -29.3330



45.6520, 1.1576, 2.0592



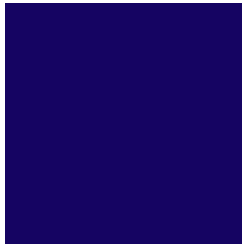
43.9760, 23.6758, 59.6570



94.1040, 50.2347, 127.9508

Previews

White Background



This preview shows how the YUV color 19.7990, 38.5531, 1.0533 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

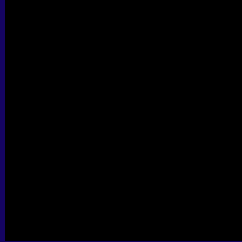
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.7990, 38.5531, 1.0533

Background



This preview shows how black text looks on a background with the YUV color 19.7990, 38.5531, 1.0533.



This preview shows how white text looks on a background with the YUV color 19.7990, 38.5531,

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

19.7990, 38.5531, 1.0533

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.8260, 13.8898, -21.7724



Tritanopia

24.6490, 5.5960, -21.6172

Trichromacy



Original Color

19.7990, 38.5531, 1.0533

Protanomaly

23.3830, 25.9402, -13.4909

Deuteranomaly

23.1720, 22.5932, -13.3058

Tritanomaly

23.2060, 17.6464, -13.3357

Monochromacy



Original Color

19.7990, 38.5531, 1.0533

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.6700, 13.9667, 0.2894

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.7990, 38.5531, 1.0533 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(21, 4, 98)` looks like.

```
.text, #text, p{  
    color:rgb(21, 4, 98)  
}
```

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(21, 4, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 4, 98) }
```

Border

The CSS property to change the border of an element to YUV 19.7990, 38.5531, 1.0533 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(21, 4, 98) }
```


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

```
.border{ border-color:rgb(21, 4, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 4, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 4, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 4, 98); box-shadow:4px  
4px 4px 4px rgb(21, 4, 98) }
```

Background

The CSS property to change the background color of an element to YUV 19.7990, 38.5531, 1.0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 4, 98) }
```

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

```
.background{ background-color: rgb(21, 4,  
98) }
```

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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