

Converting Colors

YUV(50.2920, -19.8640,
-22.1811)

Have a look what the booklet for
YUV(50.2920, -19.8640, -22.1811)
contains.

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Color

**YUV(50.2920, -19.8640,
-22.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	19470A
RGB	25, 71, 10
RGB Percent	10%, 28%, 4%
CMY	0.9020, 0.7216, 0.9608
CMYK	0.65, 0.00, 0.86, 0.72
HSL	105°, 75%, 16%
HSV	105°, 86%, 28%
XYZ	2.7089, 4.7351, 1.0583
YIQ	50.2920, -7.8350, -28.7230

Conversions

Conversions Part 2

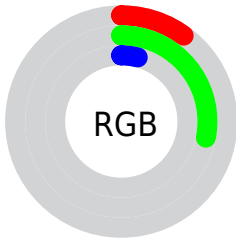
Format	Color
RYB	10, 71, 56
Decimal	1656586
CIELab	25.97, -28.16, 29.67
CIELCh	26, 40.908, 133.501
Yxy	4.7351, 0.3186, 0.5569
Android (android.graphics.Color)	4279846666 (0xFF19470A)
YUV	50.2920, -19.8640, -22.1811
Hunter-Lab	21.7602, -15.8589, 12.3485

Details

The YUV color **50.2920, -19.8640, -22.1811** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30.7080, 19.8640, 22.1811**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3630, -20.8850, -21.3664**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **47.9990, -22.1845, -24.5551**, and if you desaturate by 10%, it is **52.5850, -17.5434, -19.8070**.

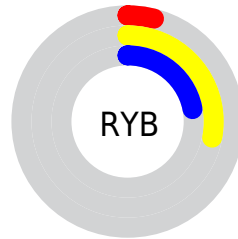
Distribution



 Red (10%)

 Green (28%)

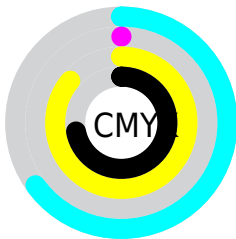
 Blue (4%)




 Red (4%)

 Yellow (28%)

 Blue (22%)

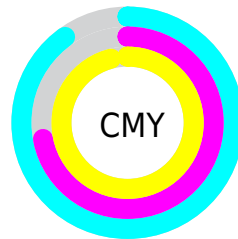


 Cyan (65%)

 Magenta (0%)

 Yellow (86%)

 Black (72%)



 Cyan (90%)

 Magenta (72%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2920, -19.8640, -22.1811 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 50.2920, -19.8640, -22.1811 by changing the saturation by 10% instead.

■ 50.2920, -19.8640,
-22.1811

■ 50.2920, -19.8640,
-22.1811

■ 253.4040, -6.1152,
1.3997

■ 28.4750, -14.0382,
-24.0956

■ 99.3630, -20.8850,
-21.3664

■ 17.0230, -8.3923,
-14.9292

■ 124.8360,
-21.6111, -21.7812

■ 0.0000, 0.0000,
0.0000

■ 151.3090,
-22.3373, -22.1960


■ 178.0810,
-23.2109, -21.9960


■ 205.9670,
-23.6477, -21.8961


■ 233.2660,


-23.7951, -21.2813


 244.8300,
-15.6922, -6.8669


 50.2920, -19.8640,
-22.1811

 50.2920, -19.8640,
-22.1811


 47.9990, -22.1845,
-24.5551


 52.5850, -17.5434,
-19.8070

 46.7600, -23.0527,
-26.0995

 55.1770, -15.3703,
-16.8182

 57.4700, -13.0497,
-14.4442

 59.7630, -10.7292,
-12.0702

 62.4690, -8.1192,
-9.1813

■ 64.7620, -5.7987,
-6.8073

■ 67.0550, -3.4781,
-4.4332

■ 69.6470, -1.3050,
-1.4444

■ 71.9400, 1.0156,
0.9296

Harmonies

Analogous

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



56.4050, -27.8077, 5.7838



50.2920, -19.8640, -22.1811



48.3400, -2.6326, -42.3942

Triad

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



50.2920, -19.8640, -22.1811



54.8840, 32.5952, -48.1333



56.1190, -3.5097, 52.5156

Complementary

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



50.2920, -19.8640, -22.1811



30.7080, 19.8640, 22.1811

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.



59.6090, 10.0528, 42.4389



50.2920, -19.8640, -22.1811



50.9220, 35.0415, -39.3966

Square

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



50.2920, -19.8640, -22.1811



55.2940, 24.0121, -48.4928



63.1200, 21.6328, 14.8038



57.3510, -18.9070, 44.4192

Rectangle

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



50.2920, -19.8640, -22.1811



51.3210, 6.2507, -45.0085



63.1200, 21.6328, 14.8038



56.3730, 1.2951, 51.4159

Sweetspot

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



50.2920, -19.8640, -22.1811



83.8820, -7.8298, -8.6665



55.2410, -22.3038, 13.8206



41.1150, -4.4937, -5.3629



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



50.2920, -19.8640, -22.1811



60.8810, -30.0143, -33.2216



47.5170, -11.1009, -32.9024



34.6470, -1.3050, -1.4444



65.2890, -32.1875, -36.2105



149.9930, -73.9465, -82.4319

Inverse Universe

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



30.7080, 19.8640, 22.1811



31.1190, 30.0143, 33.2216



33.4830, 11.1009, 32.9024



33.3530, 1.3050, 1.4444



33.7110, 32.1875, 36.2105



77.0070, 73.9465, 82.4319

Previews

White Background



This preview shows how the YUV color 50.2920, -19.8640, -22.1811 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

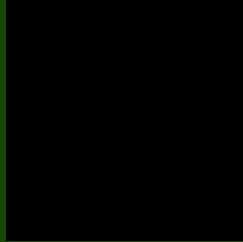
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2920, -19.8640, -22.1811

Background



This preview shows how black text looks on a background with the YUV color 50.2920, -19.8640, -22.1811.



This preview shows how white text looks on a background with the YUV color 50.2920, -19.8640,

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

50.2920, -19.8640, -22.1811

Protanopia

57.8230, -25.0557, 9.8022

Deuteranopia

59.1210, -20.2727, 15.6799



Tritanopia

58.1980, 6.3114, -17.7136

Trichromacy



Original Color

50.2920, -19.8640, -22.1811

Protanomaly

54.9140, -23.1286, -1.6786

Deuteranomaly

56.0330, -20.2293, 1.7251

Tritanomaly

55.3690, -3.1399, -19.6176

Monochromacy



Original Color

50.2920, -19.8640, -22.1811

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.2950, -7.5404, -8.1517

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2920, -19.8640, -22.1811 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(25, 71, 10)` looks like.

```
.text, #text, p{  
    color:rgb(25, 71, 10)  
}
```

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(25, 71, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 71, 10) }
```

Border

The CSS property to change the border of an element to YUV 50.2920, -19.8640, -22.1811 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(25, 71, 10) }
```


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

```
.border{ border-color:rgb(25, 71, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 71, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 71, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 71, 10);  
box-shadow:4px 4px 4px 4px rgb(25, 71, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.2920, -19.8640, -22.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 71, 10) }
```

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

```
.background{ background-color: rgb(25, 71,  
10) }
```

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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