

Converting Colors

YUV(65.9420, -22.1564,
13.2059)

Have a look what the booklet for
YUV(65.9420, -22.1564, 13.2059)
contains.

YUV(65.9420, -22.1564, 13.2059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.9420, -22.1564,
13.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	514315
RGB	81, 67, 21
RGB Percent	32%, 26%, 8%
CMY	0.6824, 0.7373, 0.9176
CMYK	0.00, 0.17, 0.74, 0.68
HSL	46°, 59%, 20%
HSV	46°, 74%, 32%
XYZ	5.5359, 5.8178, 1.5406
YIQ	65.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

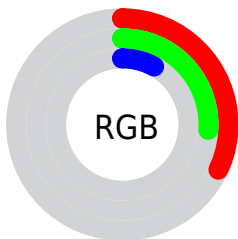
Format	Color
R_{YB}	39, 81, 21
Decimal	5325589
CIE Lab	28.95, 0.07, 29.12
CIE LCh	29, 29.123, 89.857
Yxy	5.8178, 0.4293, 0.4512
Android (android.graphics.Color)	4283515669 (0xFF514315)
YUV	65.9420, -22.1564, 13.2059
Hunter-Lab	24.1201, -1.2422, 13.0970

Details


The YUV color **65.9420, -22.1564, 13.2059** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.0580, 22.1564, -13.2059**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6110, -23.4722, 15.2502**, and **24.5420, -12.0992, 7.4177** is the 20% darker color. If you saturate the color by 10%, you get **63.8560, -25.0720, 15.0353**, and if you desaturate by 10%, it is **68.0280, -19.2408, 11.3764**.

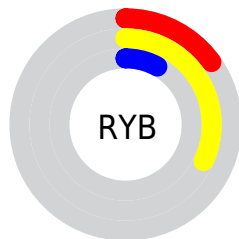
Distribution



 Red (32%)

 Green (26%)

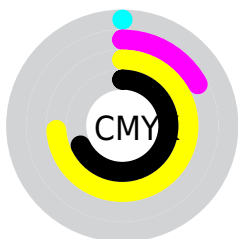
 Blue (8%)




 Red (15%)

 Yellow (32%)

 Blue (8%)

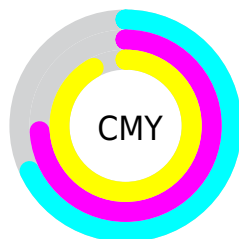



 Cyan (0%)


 Magenta (17%)

 Yellow (74%)

 Black (68%)



 Cyan (68%)

 Magenta (74%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9420, -22.1564, 13.2059 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 65.9420, -22.1564, 13.2059 by changing the saturation by 10% instead.

■ 65.9420, -22.1564,
13.2059

■ 65.9420, -22.1564,
13.2059

■ 254.6580, -1.3104,
0.2999

■ 43.4580, -21.4248,
11.8763

■ 114.6110,
-23.4722, 15.2502

■ 24.5420, -12.0992,
7.4177

■ 140.0950,
-24.2038, 16.5797

■ 0.0000, 0.0000,
0.0000

■ 167.1660,
-25.2248, 17.3944

■ 194.2370,
-26.2458, 18.2092

■ 221.8350,
-26.5407, 19.4387

■ 245.2250,

-24.7609, 8.5727

■ 251.3520,
-13.9775, 3.1993

■ 65.9420, -22.1564,
13.2059

■ 65.9420, -22.1564,
13.2059

■ 63.8560, -25.0720,
15.0353

■ 68.0280, -19.2408,
11.3764

■ 61.7700, -27.9876,
16.8647

■ 70.1140, -16.3252,
9.5470

■ 60.6130, -29.8822,
17.8794

■ 72.2000, -13.4096,
7.7176

■ 74.2860, -10.4940,
5.8882

■ 75.8990, -6.8522,
4.4736

■ 77.9850, -3.9366,
2.6442

■ 80.0710, -1.0210,
0.8147

■ 82.1570, 1.8946,
-1.0147

■ 84.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



67.5400, -19.0002, 27.5904



65.9420, -22.1564, 13.2059



63.2710, -17.8816, -4.6227

Triad

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



65.9420, -22.1564, 13.2059



56.6330, 16.4499, -49.6671



70.1890, 10.2598, 22.6362

Complementary

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



65.9420, -22.1564, 13.2059



36.0580, 22.1564, -13.2059

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.



69.2230, 18.6241, -0.1956



65.9420, -22.1564, 13.2059



56.8100, 24.7437, -49.8224

Square

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



65.9420, -22.1564, 13.2059



54.0110, 6.4036, -47.3676



60.8380, 25.7159, -34.9379



69.2200, -0.1085, 34.8871

Rectangle

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



65.9420, -22.1564, 13.2059



60.9040, -11.2917, -18.3328



60.8380, 25.7159, -34.9379



70.2420, 13.1917, 15.5738

Sweetspot

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



65.9420, -22.1564, 13.2059



98.8560, -8.3100, 5.3883



40.5360, -2.7292, 35.4869



50.0560, -4.9576, 3.4589



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.9420, -22.1564, 13.2059



81.4840, -34.2556, 20.6235



69.3760, -23.8494, -3.8378



39.9570, -1.4578, 0.9147



78.3550, -38.6290, 23.3677



173.8540, -85.7100, 50.9940

Inverse Universe

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



36.0580, 22.1564, -13.2059



34.9290, 34.5450, -20.1087



32.6240, 23.8494, 3.8378



38.0430, 1.4578, -0.9147



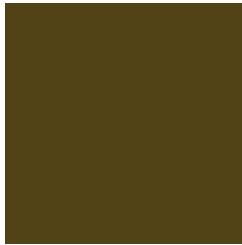
26.0580, 38.9184, -22.8529



58.1460, 85.7100, -50.9940

Previews

White Background



This preview shows how the YUV color 65.9420, -22.1564, 13.2059 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 YUV color 65.9420, -22.1564, 13.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

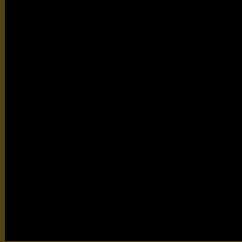
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9420, -22.1564, 13.2059

Background



This preview shows how black text looks on a background with the YUV color 65.9420, -22.1564, 13.2059.



This preview shows how white text looks on a background with the YUV color 65.9420, -22.1564,

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

65.9420, -22.1564, 13.2059

Protanopia

65.9200, -22.1456, 9.7172

Deuteranopia

66.3770, -21.8779, 17.2094



Tritanopia

69.7350, -1.3484, 12.5104

Trichromacy



Original Color

65.9420, -22.1564, 13.2059

Protanomaly

65.6320, -22.0036, 10.8467

Deuteranomaly

66.3660, -21.8724, 15.4650

Tritanomaly

68.0850, -8.9159, 13.0805

Monochromacy



Original Color

65.9420, -22.1564, 13.2059

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9420, -22.1564, 13.2059 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(81, 67, 21)` looks like.

```
.text, #text, p{  
    color:rgb(81, 67, 21)  
}
```

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(81, 67, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 67, 21) }
```

Border

The CSS property to change the border of an element to YUV 65.9420, -22.1564, 13.2059 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(81, 67, 21) }
```


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

```
.border{ border-color:rgb(81, 67, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 67, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 67, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 67, 21);  
box-shadow:4px 4px 4px 4px rgb(81, 67, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9420, -22.1564, 13.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 67, 21) }
```

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

```
.background{ background-color: rgb(81, 67,  
21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor