

Converting Colors

YUV(79.7900, -31.9415,
-21.7408)

Have a look what the booklet for
YUV(79.7900, -31.9415, -21.7408)
contains.

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Color

**YUV(79.7900, -31.9415,
-21.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	37690F
RGB	55, 105, 15
RGB Percent	22%, 41%, 6%
CMY	0.7843, 0.5882, 0.9412
CMYK	0.48, 0.00, 0.86, 0.59
HSL	93°, 75%, 24%
HSV	93°, 86%, 41%
XYZ	6.7133, 10.9499, 2.2116
YIQ	79.7900, -0.9100, -38.5900

Conversions

Conversions Part 2

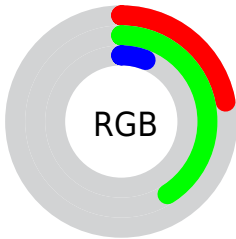
Format	Color
RYB	15, 105, 65
Decimal	3631375
CIELab	39.50, -32.52, 41.11
CIElCh	39, 52.422, 128.347
Yxy	10.9499, 0.3378, 0.5509
Android (android.graphics.Color)	4281821455 (0xFF37690F)
YUV	79.7900, -31.9415, -21.7408
Hunter-Lab	33.0906, -21.6948, 19.2007

Details

The YUV color **79.7900, -31.9415, -21.7408** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **40.2100, 31.9415, 21.7408**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7900, -31.9415, -21.7408**, and **33.4590, -16.4953, -29.3435** is the 20% darker color. If you saturate the color by 10%, you get **76.8560, -35.4250, -24.4297**, and if you desaturate by 10%, it is **82.8380, -28.0211, -19.1519**.

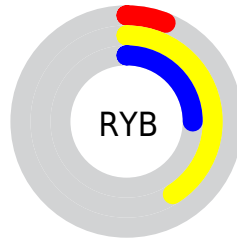
Distribution



Red (22%)

Green (41%)

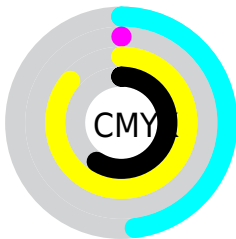
Blue (6%)



Red (6%)

Yellow (41%)

Blue (25%)

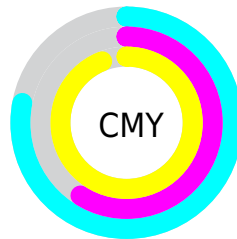


Cyan (48%)

Magenta (0%)

Yellow (86%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7900, -31.9415, -21.7408 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 79.7900, -31.9415, -21.7408 by changing the saturation by 10% instead.

■ 79.7900, -31.9415,
-21.7408

■ 79.7900, -31.9415,
-21.7408

255.0000, 0.0000,
0.0000

■ 55.3320, -27.2787,
-23.9702

■ 131.7900,
-31.9415, -21.7408

■ 33.4590, -16.4953,
-29.3435

■ 158.5620,
-32.8151, -21.5409

■ 21.1320, -10.4181,
-18.5328

■ 186.0350,
-33.5413, -21.9557


■ 0.0000, 0.0000,
0.0000


■ 213.8070,
-34.4149, -21.7557


■ 234.0620,
-31.0896, -14.9634


■ 246.2240,


-23.2814, 0.6806


 251.9220,
-11.7935, 2.6994


 79.7900, -31.9415,
-21.7408


 79.7900, -31.9415,
-21.7408


 76.8560, -35.4250,
-24.4297


 82.8380, -28.0211,
-19.1519

 75.6880, -37.3142,
-25.1594

 85.7720, -24.5376,
-16.4630

 88.8200, -20.6173,
-13.8741

 91.4550, -16.9863,
-11.8000

 94.5030, -13.0660,
-9.2111

■ 97.4370, -9.5824,
-6.5222

■ 100.4850, -5.6621,
-3.9333

■ 103.4190, -2.1786,
-1.2445

■ 106.1680, 1.8892,
0.7297

Harmonies

Analogous

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



86.2630, -42.5277, 13.8013



79.7900, -31.9415, -21.7408



71.4100, -5.6251, -62.6266

Triad

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



79.7900, -31.9415, -21.7408



81.9440, 44.8906, -71.8649



86.6960, -1.8221, 71.3036

Complementary

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



79.7900, -31.9415, -21.7408



40.2100, 31.9415, 21.7408

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.



92.2820, 16.1300, 53.2497



79.7900, -31.9415, -21.7408



75.4700, 50.5473, -66.1872

Square

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



79.7900, -31.9415, -21.7408



81.6870, 31.2133, -71.6395



95.5570, 32.2634, 11.7895



88.1470, -22.7505, 63.8921

Rectangle

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



79.7900, -31.9415, -21.7408



75.8900, 6.4632, -66.5555



95.5570, 32.2634, 11.7895



88.2810, 4.2985, 68.1596

Sweetspot

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



79.7900, -31.9415, -21.7408



127.9160, -12.7766, -8.6963



71.2600, -27.7362, 29.5900



63.0180, -7.4039, -5.2778



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.7900, -31.9415, -21.7408



99.2450, -48.9278, -33.5409



68.2860, -24.2980, -46.7318



52.4190, -2.1786, -1.2445



84.2270, -41.5239, -28.2631



176.4060, -86.9682, -59.1151

Inverse Universe

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



40.2100, 31.9415, 21.7408



38.4560, 49.0752, 32.9261



51.7140, 24.2980, 46.7318



49.5810, 2.1786, 1.2445



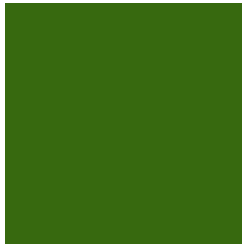
32.7730, 41.5239, 28.2631



68.5940, 86.9682, 59.1151

Previews

White Background



This preview shows how the YUV color 79.7900, -31.9415, -21.7408 looks on a white background.

Color Contrast Check

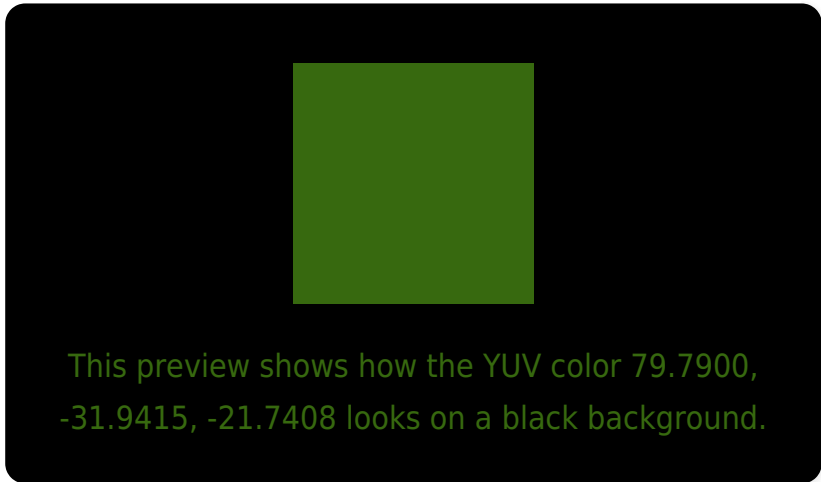
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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](#).

YUV 79.7900, -31.9415, -21.7408

Background



This preview shows how black text looks on a background with the YUV color 79.7900, -31.9415, -21.7408.



This preview shows how white text looks on a background with the YUV color 79.7900, -31.9415, -21.7408.

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

79.7900, -31.9415, -21.7408

Protanopia

87.2400, -37.5863, 15.5755

Deuteranopia

89.1900, -31.6457, 23.5124



Tritanopia

89.9420, 7.9166, -19.2431

Trichromacy



Original Color

79.7900, -31.9415, -21.7408

Protanomaly

84.3200, -35.6538, 2.3504

Deuteranomaly

85.6780, -31.8863, 7.2984

Tritanomaly

86.4460, -6.6289, -20.5621

Monochromacy



Original Color

79.7900, -31.9415, -21.7408

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8560, -11.7610, -7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7900, -31.9415, -21.7408 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(55, 105, 15)` looks like.

```
.text, #text, p{  
    color:rgb(55, 105, 15)  
}
```

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(55, 105, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 105, 15) }
```

Border

The CSS property to change the border of an element to YUV 79.7900, -31.9415, -21.7408 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(55, 105, 15) }
```


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

```
.border{ border-color:rgb(55, 105, 15) }
```

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

Here you see how a box with a 4 pixel rgb(55, 105, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 105, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 105, 15);  
box-shadow:4px 4px 4px 4px rgb(55, 105,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 79.7900, -31.9415, -21.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 105, 15) }
```

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

```
.background{ background-color: rgb(55, 105,  
15) }
```

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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