

Converting Colors

YUV(98.1420, -35.5660,
20.9235)

Have a look what the booklet for
YUV(98.1420, -35.5660, 20.9235)
contains.

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Color

**YUV(98.1420, -35.5660,
20.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	7A641A
RGB	122, 100, 26
RGB Percent	48%, 39%, 10%
CMY	0.5216, 0.6078, 0.8980
CMYK	0.00, 0.18, 0.79, 0.52
HSL	46°, 65%, 29%
HSV	46°, 79%, 48%
XYZ	12.7697, 13.3265, 2.8765
YIQ	98.1420, 36.8660, -18.3500

Conversions

Conversions Part 2

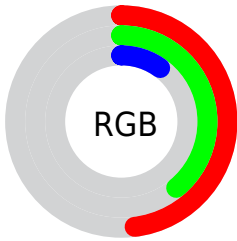
Format	Color
RYB	55, 122, 26
Decimal	8021018
CIELab	43.25, 0.69, 42.59
CIELCh	43, 42.597, 89.069
Yxy	13.3265, 0.4407, 0.4600
Android (android.graphics.Color)	4286211098 (0xFF7A641A)
YUV	98.1420, -35.5660, 20.9235
Hunter-Lab	36.5055, -1.4451, 20.8820

Details

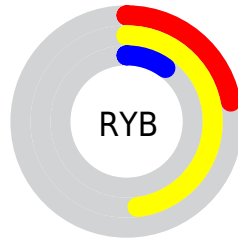
The YUV color **98.1420, -35.5660, 20.9235** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **49.8580, 35.5660, -20.9235**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2240, -36.5924, 23.4826**, and **52.6280, -25.9456, 15.2352** is the 20% darker color. If you saturate the color by 10%, you get **95.0130, -39.9394, 23.6676**, and if you desaturate by 10%, it is **101.2710, -31.1926, 18.1793**.

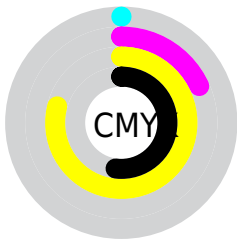
Distribution



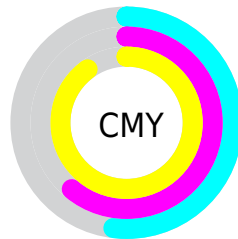
- Red (48%)
- Green (39%)
- Blue (10%)



- Red (22%)
- Yellow (48%)
- Blue (10%)



- Cyan (0%)
- Magenta (18%)
- Yellow (79%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1420, -35.5660, 20.9235 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 98.1420, -35.5660, 20.9235 by changing the saturation by 10% instead.

■ 98.1420, -35.5660,
20.9235

■ 98.1420, -35.5660,
20.9235

■ 255.0000, 0.0000,
0.0000

■ 73.0170, -35.9974,
19.2791

■ 150.2240,
-36.5924, 23.4826

■ 52.6280, -25.9456,
15.2352

■ 177.0070,
-37.4715, 25.4269

■ 32.5270, -16.0358,
10.0618

■ 205.0780,
-38.4925, 26.2416

■ 11.8390, -5.8366,
5.4032

■ 230.4580,
-38.1868, 21.5233

■ 0.0000, 0.0000,
0.0000

■ 246.5640,
-32.3231, 7.3984

■ 249.6420,

-20.5295, 4.6990

252.9480, -7.8624,
1.7996

98.1420, -35.5660,
20.9235

98.1420, -35.5660,
20.9235

95.0130, -39.9394,
23.6676

101.2710,
-31.1926, 18.1793

91.8840, -44.3128,
26.4117

104.4000,
-26.8192, 15.4352

91.6560, -45.1864,
26.6117

107.0560,
-21.7196, 13.1059

110.1850,
-17.3462, 10.3618

113.3140,
-12.9728, 7.6176

■ 116.4430, -8.5994,
4.8735

■ 119.5720, -4.2260,
2.1294

■ 122.2280, 0.8736,
-0.2000

■ 125.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



100.2940, -29.2319, 42.7152



98.1420, -35.5660, 20.9235



94.6870, -28.9327, -6.7415

Triad

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



98.1420, -35.5660, 20.9235



85.2430, 24.5302, -74.7581



105.2750, 16.6264, 33.9618

Complementary

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



98.1420, -35.5660, 20.9235



49.8580, 35.5660, -20.9235

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.



103.4860, 29.8334, -2.1802



98.1420, -35.5660, 20.9235



85.9730, 37.4813, -75.3983

Square

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



98.1420, -35.5660, 20.9235



81.2530, 9.2423, -71.2589



81.9440, 44.8906, -71.8649



102.0960, 1.4317, 54.2898

Rectangle

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



98.1420, -35.5660, 20.9235



90.7040, -18.0951, -29.5584



81.9440, 44.8906, -71.8649



105.1750, 21.6057, 23.5255

Sweetspot

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



98.1420, -35.5660, 20.9235



148.3850, -13.9938, 8.4324



57.2120, -4.5415, 56.8191



73.4430, -8.5994, 4.8735



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.



98.1420, -35.5660, 20.9235



121.0560, -55.2436, 32.3999



103.2820, -38.1000, -6.3863



59.7290, -2.3314, 1.1147



93.7270, -46.2074, 27.4264



189.8130, -93.5778, 54.5380

Inverse Universe

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



49.8580, 35.5660, -20.9235



46.5310, 54.9542, -32.9147



44.7180, 38.1000, 6.3863



56.2710, 2.3314, -1.1147



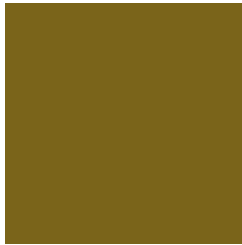
31.2730, 46.2074, -27.4264



62.7740, 93.2884, -55.0528

Previews

White Background



This preview shows how the YUV color 98.1420, -35.5660, 20.9235 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 YUV color 98.1420, -35.5660, 20.9235 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](#).

YUV 98.1420, -35.5660, 20.9235

Background



This preview shows how black text looks on a background with the YUV color 98.1420, -35.5660, 20.9235.



This preview shows how white text looks on a background with the YUV color 98.1420, -35.5660,

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

98.1420, -35.5660, 20.9235

Protanopia

97.9240, -34.9655, 14.9757

Deuteranopia

98.5880, -35.2929, 26.6713



Tritanopia

103.9640, -1.9543, 20.2026

Trichromacy



Original Color

98.1420, -35.5660, 20.9235

Protanomaly

98.2340, -35.1184, 17.3348

Deuteranomaly

98.2780, -35.1401, 24.3122

Tritanomaly

102.0490, -14.3212, 20.1280

Monochromacy



Original Color

98.1420, -35.5660, 20.9235

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3140, -12.9728, 7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1420, -35.5660, 20.9235 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(122, 100, 26)` looks like.

```
.text, #text, p{  
    color:rgb(122, 100, 26)  
}
```

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(122, 100, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 100, 26) }
```

Border

The CSS property to change the border of an element to YUV 98.1420, -35.5660, 20.9235 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(122, 100, 26) }
```


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

```
.border{ border-color:rgb(122, 100, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 100, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 100, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 100, 26);  
box-shadow:4px 4px 4px 4px rgb(122, 100,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 98.1420, -35.5660, 20.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 100, 26) }
```

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

```
.background{ background-color: rgb(122,  
100, 26) }
```

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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