

Converting Colors

YUV(96.8280, -35.9042,
36.1078)

Have a look what the booklet for
YUV(96.8280, -35.9042, 36.1078)
contains.

YUV(96.8280, -35.9042, 36.1078)	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(96.8280, -35.9042,
36.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5A18
RGB	138, 90, 24
RGB Percent	54%, 35%, 9%
CMY	0.4588, 0.6471, 0.9059
CMYK	0.00, 0.35, 0.83, 0.46
HSL	35°, 70%, 32%
HSV	35°, 83%, 54%
XYZ	14.3023, 12.7816, 2.5774
YIQ	96.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

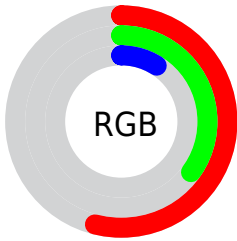
Format	Color
RYB	107, 138, 24
Decimal	9067032
CIELab	42.43, 14.08, 43.32
CIElCh	42, 45.551, 71.992
Yxy	12.7816, 0.4822, 0.4309
Android (android.graphics.Color)	4287257112 (0xFF8A5A18)
YUV	96.8280, -35.9042, 36.1078
Hunter-Lab	35.7513, 8.8440, 20.7515

Details

The YUV color **96.8280, -35.9042, 36.1078** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **65.1720, 35.9042, -36.1078**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8070, -37.3729, 40.5113**, and **50.6450, -24.9680, 28.3753** is the 20% darker color. If you saturate the color by 10%, you get **91.7100, -40.2830, 40.5963**, and if you desaturate by 10%, it is **101.9460, -31.5254, 31.6194**.

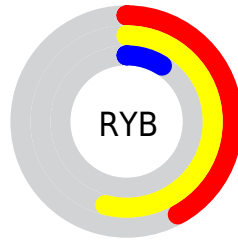
Distribution



Red (54%)

Green (35%)

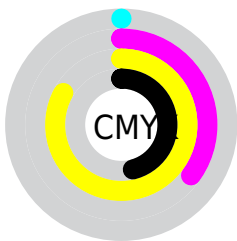
Blue (9%)



Red (42%)

Yellow (54%)

Blue (9%)

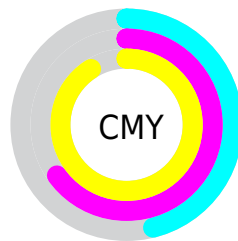


Cyan (0%)

Magenta (35%)

Yellow (83%)

Black (46%)



Cyan (46%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8280, -35.9042, 36.1078 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 96.8280, -35.9042, 36.1078 by changing the saturation by 10% instead.

■ 96.8280, -35.9042,
36.1078

■ 96.8280, -35.9042,
36.1078

255.0000, 0.0000,
0.0000

■ 72.2190, -35.6040,
33.1339

■ 148.8070,
-37.3729, 40.5113

■ 50.6450, -24.9680,
28.3753

■ 175.8890,
-38.3993, 43.0703

■ 30.2450, -14.9108,
22.5871

■ 204.2590,
-39.5677, 44.4999

■ 9.8670, -4.8644,
20.2876

■ 223.0720,
-36.0245, 28.0009

■ 0.0000, 0.0000,
0.0000

■ 243.2870,
-32.1865, 10.2723

■ 249.3000,

-21.8399, 4.9989

252.6060, -9.1728,
2.0995

96.8280, -35.9042,
36.1078

96.8280, -35.9042,
36.1078

91.7100, -40.2830,
40.5963

101.9460,
-31.5254, 31.6194

88.2220, -43.4934,
43.6553

107.0640,
-27.1466, 27.1309

111.4810,
-22.9151, 23.2572

116.5990,
-18.5363, 18.7687

121.7170,
-14.1575, 14.2802

■ 126.8350, -9.7787,
9.7917

■ 131.9530, -5.3998,
5.3032

■ 136.3700, -1.1684,
1.4295

■ 141.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



98.0920, -22.7234, 55.1703



96.8280, -35.9042, 36.1078



93.7940, -37.8594, 9.8277

Triad

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



96.8280, -35.9042, 36.1078



82.3760, 16.0836, -72.2438



103.2710, 25.9954, 15.5483

Complementary

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



96.8280, -35.9042, 36.1078



65.1720, 35.9042, -36.1078

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.



93.7960, 39.5406, -35.7781



96.8280, -35.9042, 36.1078



85.1920, 31.9503, -74.7134

Square

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



96.8280, -35.9042, 36.1078



77.3430, -0.6621, -67.8298



84.6510, 42.5701, -74.2389



101.2830, 11.1995, 47.9868

Rectangle

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



96.8280, -35.9042, 36.1078



91.1380, -29.6480, -10.6450



84.6510, 42.5701, -74.2389



102.0350, 30.5487, 1.7233

Sweetspot

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



96.8280, -35.9042, 36.1078



162.7170, -14.1575, 14.2802



63.6720, 4.5987, 65.1857



79.4650, -8.6102, 8.3622



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



96.8280, -35.9042, 36.1078



114.7970, -55.6089, 56.3060



122.6120, -48.6157, 6.4793



66.4410, -2.1894, 2.2442



84.9660, -41.8882, 42.1258



3.2560, -1.6052, 1.5295

Inverse Universe

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



65.1720, 35.9042, -36.1078



65.6160, 55.8983, -55.7912



39.3880, 48.6157, -6.4793



64.5590, 2.1894, -2.2442



48.0340, 41.8882, -42.1258



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 96.8280, -35.9042, 36.1078 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 96.8280, -35.9042, 36.1078 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 96.8280, -35.9042, 36.1078

Background



This preview shows how black text looks on a background with the YUV color 96.8280, -35.9042, 36.1078.



This preview shows how white text looks on a background with the YUV color 96.8280, -35.9042,

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

96.8280, -35.9042, 36.1078

Protanopia

96.1520, -34.0919, 14.7757

Deuteranopia

96.1320, -37.0401, 27.0712



Tritanopia

102.0260, -5.9288, 35.0572

Trichromacy



Original Color

96.8280, -35.9042, 36.1078

Protanomaly

96.3810, -34.6978, 22.4679

Deuteranomaly

96.2680, -36.6141, 30.4600

Tritanomaly

100.1650, -16.8433, 35.8123

Monochromacy



Original Color

96.8280, -35.9042, 36.1078

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6460, -13.1365, 13.4655

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8280, -35.9042, 36.1078 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(138, 90, 24)` looks like.

```
.text, #text, p{  
    color:rgb(138, 90, 24)  
}
```

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(138, 90, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 90, 24) }
```

Border

The CSS property to change the border of an element to YUV 96.8280, -35.9042, 36.1078 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(138, 90, 24) }
```


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

```
.border{ border-color:rgb(138, 90, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 90, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 90, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 90, 24);  
box-shadow:4px 4px 4px 4px rgb(138, 90,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 96.8280, -35.9042, 36.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 90, 24) }
```

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

```
.background{ background-color: rgb(138, 90,  
24) }
```

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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