

Converting Colors

YUV(140.7260, -41.2769,
32.6893)

Have a look what the booklet for
YUV(140.7260, -41.2769, 32.6893)
contains.

YUV(140.7260, -41.2769, 32.6893)	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(140.7260, -41.2769,
32.6893)**

Conversions

Conversions Part 1

Format	Color
Hex	B28A39
RGB	178, 138, 57
RGB Percent	70%, 54%, 22%
CMY	0.3020, 0.4588, 0.7765
CMYK	0.00, 0.22, 0.68, 0.30
HSL	40°, 51%, 46%
HSV	40°, 68%, 70%
XYZ	28.1871, 27.9373, 7.7777
YIQ	140.7260, 49.8410, -16.7110

Conversions

Conversions Part 2

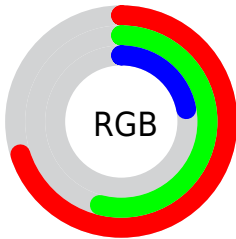
Format	Color
R_{YB}	117, 178, 57
Decimal	11700793
CIE _{Lab}	59.83, 6.57, 47.76
CIE _{LCh}	60, 48.211, 82.168
Yxy	27.9373, 0.4411, 0.4372
Android (android.graphics.Color)	4289890873 (0xFFB28A39)
YUV	140.7260, -41.2769, 32.6893
Hunter-Lab	52.8558, 2.6934, 28.2745

Details

The YUV color **140.7260, -41.2769, 32.6893** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **94.2740, 41.2769, -32.6893**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2920, -43.0350, 36.5779**, and **88.1340, -43.4501, 29.7005** is the 20% darker color. If you saturate the color by 10%, you get **135.1520, -47.4029, 37.5777**, and if you desaturate by 10%, it is **146.3000, -35.1509, 27.8009**.

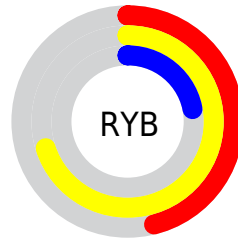
Distribution



Red (70%)

Green (54%)

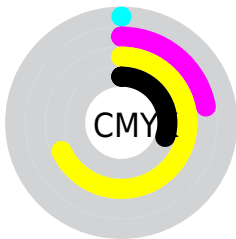
Blue (22%)



Red (46%)

Yellow (70%)

Blue (22%)

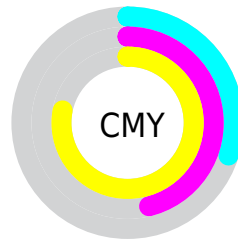


Cyan (0%)

Magenta (22%)

Yellow (68%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7260, -41.2769, 32.6893 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 140.7260, -41.2769, 32.6893 by changing the saturation by 10% instead.

■ 140.7260,
-41.2769, 32.6893

■ 140.7260,
-41.2769, 32.6893

■ 255.0000, 0.0000,
0.0000

■ 114.4160,
-41.1241, 30.3302

■ 195.2920,
-43.0350, 36.5779

■ 88.1340, -43.4501,
29.7005

■ 220.0740,
-42.4345, 30.6301

■ 66.5600, -32.8141,
24.9419

■ 239.5880,
-38.7439, 13.5163

■ 45.5730, -22.4675,
19.6685

■ 247.4760,
-28.8287, 6.5985

■ 26.0590, -12.8471,
13.9803

■ 250.6680,
-16.5983, 3.7992

■ 4.4850, -2.2111,
9.2217

■ 253.9740, -3.9312,

■ 0.0000, 0.0000,

0.8998

0.0000

■ 140.7260,
-41.2769, 32.6893

■ 140.7260,
-41.2769, 32.6893

■ 135.1520,
-47.4029, 37.5777

■ 146.3000,
-35.1509, 27.8009

■ 129.5780,
-53.5290, 42.4661

■ 151.8740,
-29.0249, 22.9125

■ 124.1180,
-59.2182, 47.2545

■ 157.3340,
-23.3357, 18.1241

■ 123.0750,
-60.6760, 48.1692

■ 162.9080,
-17.2096, 13.2357

■ 167.8950,
-10.7942, 8.8621

■ 173.4690, -4.6682,
3.9737

■ 179.0430, 1.4578,
-0.9147

■ 184.5030, 7.1470,
-5.7031

■ 190.0770, 13.2730,
-10.5915

Harmonies

Analogous

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



142.6980, -31.8961, 57.2699



140.7260, -41.2769, 32.6893



136.5540, -37.2481, 0.3911

Triad

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



140.7260, -41.2769, 32.6893



116.8050, 28.6901, -102.4380



148.5120, 23.9046, 32.8770

Complementary

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



140.7260, -41.2769, 32.6893



94.2740, 41.2769, -32.6893

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.



144.1130, 38.8913, -14.1311



140.7260, -41.2769, 32.6893



118.4470, 45.1356, -103.8780

Square

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



140.7260, -41.2769, 32.6893



111.7890, 9.4710, -98.0390



115.2160, 55.6025, -101.0444



146.1770, 5.3357, 62.1118

Rectangle

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



140.7260, -41.2769, 32.6893



133.1470, -26.6945, -24.6849



115.2160, 55.6025, -101.0444



148.3900, 28.8947, 18.9520

Sweetspot

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



140.7260, -41.2769, 32.6893



217.9510, -15.7518, 12.3210



97.7390, -0.3643, 70.3889



108.5250, -9.6258, 7.4326



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



140.7260, -41.2769, 32.6893



173.3590, -64.7600, 51.4282



158.2260, -49.9044, -0.1982



86.2130, -3.0630, 2.4442



105.6210, -52.0712, 41.5514



17.7530, -8.7522, 7.2326

Inverse Universe

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



94.2740, 41.2769, -32.6893



100.6410, 64.7600, -51.4282



76.7740, 49.9044, 0.1982



82.7870, 3.0630, -2.4442



47.3790, 52.0712, -41.5514



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 140.7260, -41.2769, 32.6893 looks on a white 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

Black Background



This preview shows how the YUV color 140.7260, -41.2769, 32.6893 looks on a black 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

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

YUV 140.7260, -41.2769, 32.6893

Background



This preview shows how black text looks on a background with the YUV color 140.7260, -41.2769, 32.6893.



This preview shows how white text looks on a background with the YUV color 140.7260, -41.2769, 32.6893.

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

140.7260, -41.2769, 32.6893

Protanopia

139.9800, -39.9231, 18.4345

Deuteranopia

140.7370, -41.2823, 34.4337



Tritanopia

146.5850, -3.7394, 32.8130

Trichromacy



Original Color

140.7260, -41.2769, 32.6893

Protanomaly

139.8990, -40.3762, 23.7676

Deuteranomaly

140.4380, -41.1349, 33.8189

Tritanomaly

144.3280, -17.4167, 33.0383

Monochromacy



Original Color

140.7260, -41.2769, 32.6893

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7660, -15.1676, 11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7260, -41.2769, 32.6893 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(178, 138, 57)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 57)  
}
```

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(178, 138, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 57) }
```

Border

The CSS property to change the border of an element to YUV 140.7260, -41.2769, 32.6893 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(178, 138, 57) }
```


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

```
.border{ border-color:rgb(178, 138, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 138, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 138, 57);  
box-shadow:4px 4px 4px 4px rgb(178, 138,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 140.7260, -41.2769, 32.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 57) }
```

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

```
.background{ background-color: rgb(178,  
138, 57) }
```

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