

Converting Colors

YUV(132.3330, -42.0692,
6.7240)

Have a look what the booklet for
YUV(132.3330, -42.0692, 6.7240)
contains.

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Color

**YUV(132.3330, -42.0692,
6.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	8C912F
RGB	140, 145, 47
RGB Percent	55%, 57%, 18%
CMY	0.4510, 0.4314, 0.8157
CMYK	0.03, 0.00, 0.68, 0.43
HSL	63°, 51%, 38%
HSV	63°, 68%, 57%
XYZ	21.4537, 26.0315, 6.5832
YIQ	132.3330, 28.4780, -31.5380

Conversions

Conversions Part 2

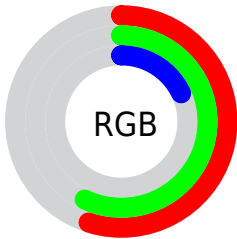
Format	Color
RYB	47, 145, 52
Decimal	9212207
CIELab	58.07, -14.82, 49.20
CIELCh	58, 51.388, 106.763
Yxy	26.0315, 0.3968, 0.4815
Android (android.graphics.Color)	4287402287 (0xFF8C912F)
YUV	132.3330, -42.0692, 6.7240
Hunter-Lab	51.0211, -14.2299, 28.0646

Details

The YUV color **132.3330, -42.0692, 6.7240** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **59.6670, 42.0692, -6.7240**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7030, -43.2376, 8.1535**, and **81.7780, -40.3166, 4.5797** is the 20% darker color. If you saturate the color by 10%, you get **130.3240, -48.4737, 7.6089**, and if you desaturate by 10%, it is **134.2280, -36.1014, 5.9390**.

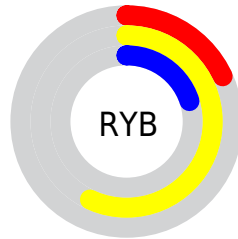
Distribution



Red (55%)

Green (57%)

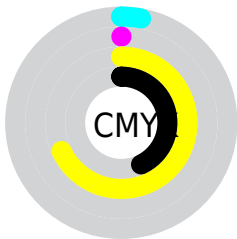
Blue (18%)



Red (18%)

Yellow (57%)

Blue (20%)

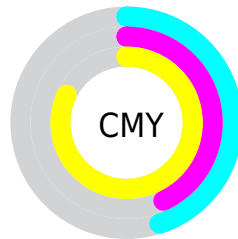


Cyan (3%)

Magenta (0%)

Yellow (68%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3330, -42.0692, 6.7240 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 132.3330, -42.0692, 6.7240 by changing the saturation by 10% instead.

■ 132.3330,
-42.0692, 6.7240

■ 132.3330,
-42.0692, 6.7240

■ 255.0000, 0.0000,
0.0000

■ 105.6920,
-43.2322, 6.4091

■ 186.7030,
-43.2376, 8.1535

■ 81.7780, -40.3166,
4.5797

■ 214.7740,
-44.2586, 8.9682

■ 60.2150, -29.6860,
1.5654

■ 242.9590,
-44.8428, 9.6830

■ 39.5270, -19.4868,
-3.0932

■ 246.3360,
-33.1966, 7.5983

■ 19.1160, -9.4242,
-10.6257

■ 249.5280,
-20.9663, 4.7989

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,

1.8996

■ 132.3330,
-42.0692, 6.7240

■ 132.3330,
-42.0692, 6.7240

■ 130.3240,
-48.4737, 7.6089

■ 134.2280,
-36.1014, 5.9390

■ 128.7280,
-54.5889, 9.0085

■ 135.9380,
-29.5494, 4.4394

■ 126.7190,
-60.9935, 9.8934

■ 137.9470,
-23.1449, 3.5545

■ 126.3770,
-62.3039, 10.1934

■ 139.8420,
-17.1771, 2.7696

■ 141.7370,
-11.2093, 1.9847

■ 143.4470, -4.6574,
0.4850

■ 145.3420, 1.3104,
-0.2999

■ 147.3510, 7.7150,
-1.1848

■ 149.2460, 13.6827,
-1.9697

Harmonies

Analogous

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



135.9010, -43.3352, 39.5518



132.3330, -42.0692, 6.7240



125.8470, -25.0676, -33.1918

Triad

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



132.3330, -42.0692, 6.7240



116.5890, 43.0936, -102.2486



141.6160, 9.5563, 61.7268

Complementary

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



132.3330, -42.0692, 6.7240



59.6670, 42.0692, -6.7240

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.



143.7330, 28.7256, 26.5442



132.3330, -42.0692, 6.7240



113.9280, 55.7445, -99.9149

Square

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



132.3330, -42.0692, 6.7240



113.7900, 24.7535, -99.7938



137.2900, 43.7340, -27.4413



138.6010, -11.1423, 74.0179

Rectangle

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



132.3330, -42.0692, 6.7240



113.3330, -5.5872, -74.8370



137.2900, 43.7340, -27.4413



142.6840, 16.4248, 52.0201

Sweetspot

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



132.3330, -42.0692, 6.7240



184.0700, -16.3035, 2.5696



79.2370, -15.8928, 57.6742



91.1930, -9.4621, 1.5847



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



132.3330, -42.0692, 6.7240



169.1660, -65.6508, 10.3784



117.6820, -34.8462, -23.4001



70.2020, -3.0576, 0.6998



117.5170, -57.9359, 9.1936



6.7890, -3.3470, 0.1850

Inverse Universe

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



59.6670, 42.0692, -6.7240



55.8340, 65.6508, -10.3784



74.3180, 34.8462, 23.4001



65.0970, 2.9102, -0.0851



17.4830, 57.9359, -9.1936



0.9120, 3.4944, -0.7998

Previews

White Background



This preview shows how the YUV color 132.3330, -42.0692, 6.7240 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 132.3330, -42.0692, 6.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

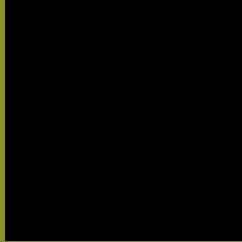
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.3330, -42.0692, 6.7240

Background



This preview shows how black text looks on a background with the YUV color 132.3330, -42.0692, 6.7240.



This preview shows how white text looks on a background with the YUV color 132.3330, -42.0692, 6.7240.

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

132.3330, -42.0692, 6.7240

Protanopia

134.0680, -43.4175, 19.2344

Deuteranopia

135.9110, -41.8611, 33.4041



Tritanopia

141.0270, 2.4517, 6.9923

Trichromacy



Original Color

132.3330, -42.0692, 6.7240

Protanomaly

133.4480, -43.1119, 14.5161

Deuteranomaly

134.5570, -41.6866, 24.0675

Tritanomaly

137.7870, -13.6990, 7.2028

Monochromacy



Original Color

132.3330, -42.0692, 6.7240

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2980, -15.4299, 2.3697

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3330, -42.0692, 6.7240 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(140, 145, 47)` looks like.

```
.text, #text, p{  
    color:rgb(140, 145, 47)  
}
```

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(140, 145, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 47) }
```

Border

The CSS property to change the border of an element to YUV 132.3330, -42.0692, 6.7240 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(140, 145, 47) }
```


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

```
.border{ border-color:rgb(140, 145, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 145, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 47);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 132.3330, -42.0692, 6.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 47) }
```

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

```
.background{ background-color: rgb(140,  
145, 47) }
```

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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