

Converting Colors

YUV(89.6200, -23.9697,
-11.9447)

Have a look what the booklet for
YUV(89.6200, -23.9697, -11.9447)
contains.

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Color

**YUV(89.6200, -23.9697,
-11.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6A29
RGB	76, 106, 41
RGB Percent	30%, 42%, 16%
CMY	0.7020, 0.5843, 0.8392
CMYK	0.28, 0.00, 0.61, 0.58
HSL	88°, 44%, 29%
HSV	88°, 61%, 42%
XYZ	8.5348, 12.0047, 3.9651
YIQ	89.6200, 2.9850, -26.5750

Conversions

Conversions Part 2

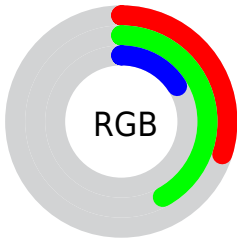
Format	Color
RYB	41, 106, 71
Decimal	5007913
CIELab	41.22, -22.75, 32.37
CIELCh	41, 39.566, 125.104
Yxy	12.0047, 0.3483, 0.4899
Android (android.graphics.Color)	4283197993 (0xFF4C6A29)
YUV	89.6200, -23.9697, -11.9447
Hunter-Lab	34.6477, -16.6637, 17.4682

Details

The YUV color **89.6200, -23.9697, -11.9447** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.3800, 23.9697, 11.9447**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2780, -25.2801, -11.6448**, and **42.7170, -21.0595, -12.0298** is the 20% darker color. If you saturate the color by 10%, you get **86.8710, -28.0374, -13.9189**, and if you desaturate by 10%, it is **92.3690, -19.9019, -9.9706**.

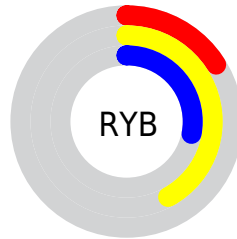
Distribution



 Red (30%)

 Green (42%)

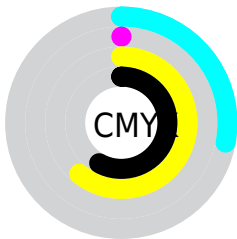
 Blue (16%)



 Red (16%)

 Yellow (42%)

 Blue (28%)

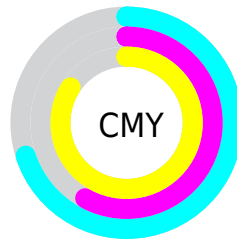


 Cyan (28%)

 Magenta (0%)

 Yellow (61%)

 Black (58%)



 Cyan (70%)

 Magenta (58%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6200, -23.9697, -11.9447 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 89.6200, -23.9697, -11.9447 by changing the saturation by 10% instead.

■ 89.6200, -23.9697,
-11.9447

■ 89.6200, -23.9697,
-11.9447

255.0000, 0.0000,
0.0000

■ 65.6200, -23.9697,
-11.9447

■ 140.2780,
-25.2801, -11.6448

■ 42.7170, -21.0595,
-12.0298

■ 166.7510,
-26.0062, -12.0596

■ 22.0180, -10.8549,
-18.4328

■ 194.5230,
-26.8798, -11.8597

■ 4.6960, -2.3151,
-4.1184

■ 222.9960,
-27.6060, -12.2745

■ 0.0000, 0.0000,
0.0000

■ 242.6640,
-23.9914, -4.9673

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 89.6200, -23.9697,
-11.9447

■ 89.6200, -23.9697,
-11.9447

■ 86.8710, -28.0374,
-13.9189

■ 92.3690, -19.9019,
-9.9706

■ 84.2360, -31.6683,
-15.9930

■ 95.0040, -16.2710,
-7.8965

■ 81.4870, -35.7361,
-17.9671

■ 97.7530, -12.2032,
-5.9224

■ 79.2650, -39.0776,
-19.5264

■ 100.3880, -8.5723,
-3.8483

■ 102.8380, -4.3571,
-2.4889

■ 105.5870, -0.2894,
-0.5148

■ 108.2220, 3.3416,
1.5593

■ 110.9710, 7.4093,
3.5334

■ 113.6060, 11.0402,
5.6075

Harmonies

Analogous

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



93.0210, -32.0554, 14.8906



89.6200, -23.9697, -11.9447



79.9000, -5.3737, -49.9013

Triad

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



89.6200, -23.9697, -11.9447



81.1800, 36.8863, -71.1949



97.1620, -2.0519, 51.6009

Complementary

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



89.6200, -23.9697, -11.9447



57.3800, 23.9697, 11.9447

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.



99.8470, 12.4004, 36.0912



89.6200, -23.9697, -11.9447



88.8400, 36.0679, -41.9557

Square

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



89.6200, -23.9697, -11.9447



81.0200, 26.1191, -71.0545



99.3900, 25.4437, 5.7970



96.5520, -17.0341, 50.3819

Rectangle

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



89.6200, -23.9697, -11.9447



76.7050, 7.0474, -67.2703



99.3900, 25.4437, 5.7970



98.1060, 2.9057, 48.1420

Sweetspot

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



89.6200, -23.9697, -11.9447



131.5620, -9.1511, -4.8779



77.4580, -17.9738, 25.0313



65.1970, -5.5201, -2.8038



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.



89.6200, -23.9697, -11.9447



112.3190, -37.6253, -18.6968



80.0520, -19.2526, -31.6176



52.4190, -2.1786, -1.2445



87.5160, -43.1454, -21.5005



183.2830, -90.3585, -44.9752

Inverse Universe

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



57.3800, 23.9697, 11.9447



61.6810, 37.6253, 18.6968



66.9480, 19.2526, 31.6176



49.5810, 2.1786, 1.2445



29.4840, 43.1454, 21.5005



61.7170, 90.3585, 44.9752

Previews

White Background



This preview shows how the YUV color 89.6200, -23.9697, -11.9447 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 89.6200, -23.9697, -11.9447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

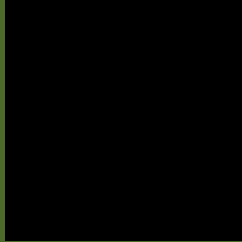
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6200, -23.9697, -11.9447

Background



This preview shows how black text looks on a background with the YUV color 89.6200, -23.9697, -11.9447.



This preview shows how white text looks on a background with the YUV color 89.6200, -23.9697, -11.9447.

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

89.6200, -23.9697, -11.9447

Protanopia

93.5630, -27.3926, 12.6612

Deuteranopia

95.0140, -24.6569, 21.9127



Tritanopia

95.7260, 5.5581, -9.4067

Trichromacy



Original Color

89.6200, -23.9697, -11.9447

Protanomaly

91.8500, -26.0550, 3.6396

Deuteranomaly

93.0510, -24.1821, 9.6023

Tritanomaly

93.8540, -5.3510, -10.3960

Monochromacy



Original Color

89.6200, -23.9697, -11.9447

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9750, -8.8617, -4.3631

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6200, -23.9697, -11.9447 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(76, 106, 41)` looks like.

```
.text, #text, p{  
    color:rgb(76, 106, 41)  
}
```

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(76, 106, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 106, 41) }
```

Border

The CSS property to change the border of an element to YUV 89.6200, -23.9697, -11.9447 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(76, 106, 41) }
```


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

```
.border{ border-color:rgb(76, 106, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 106, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 106, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 106, 41);  
box-shadow:4px 4px 4px 4px rgb(76, 106,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 89.6200, -23.9697, -11.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 106, 41) }
```

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

```
.background{ background-color: rgb(76, 106,  
41) }
```

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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