

Converting Colors

YUV(55.6200, -23.9697,
-11.9447)

Have a look what the booklet for
YUV(55.6200, -23.9697, -11.9447)
contains.

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Color

**YUV(55.6200, -23.9697,
-11.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4807
RGB	42, 72, 7
RGB Percent	16%, 28%, 3%
CMY	0.8353, 0.7176, 0.9725
CMYK	0.42, 0.00, 0.90, 0.72
HSL	88°, 82%, 15%
HSV	88°, 90%, 28%
XYZ	3.3106, 5.1423, 1.0191
YIQ	55.6200, 2.9850, -26.5750

Conversions

Conversions Part 2

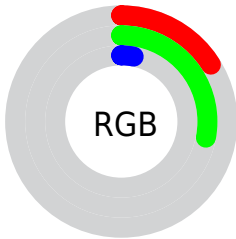
Format	Color
RYB	7, 72, 37
Decimal	2770951
CIELab	27.14, -22.64, 32.22
CIELCh	27, 39.385, 125.095
Yxy	5.1423, 0.3495, 0.5429
Android (android.graphics.Color)	4280961031 (0xFF2A4807)
YUV	55.6200, -23.9697, -11.9447
Hunter-Lab	22.6767, -13.6250, 13.2092

Details

The YUV color **55.6200, -23.9697, -11.9447** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.3800, 23.9697, 11.9447**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5060, -24.4065, -11.8448**, and **17.6100, -8.6817, -15.4440** is the 20% darker color. If you saturate the color by 10%, you get **53.9250, -26.5850, -13.0892**, and if you desaturate by 10%, it is **57.3150, -21.3543, -10.8003**.

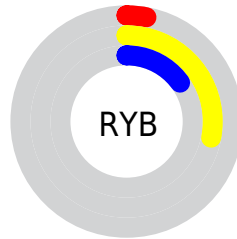
Distribution



Red (16%)

Green (28%)

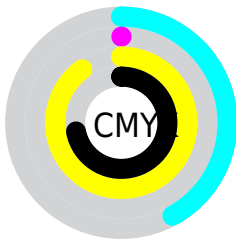
Blue (3%)



Red (3%)

Yellow (28%)

Blue (15%)

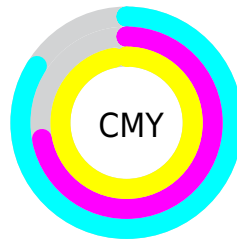


Cyan (42%)

Magenta (0%)

Yellow (90%)

Black (72%)



Cyan (84%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6200, -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 55.6200, -23.9697, -11.9447 by changing the saturation by 10% instead.

■ 55.6200, -23.9697,
-11.9447

■ 55.6200, -23.9697,
-11.9447

■ 253.2900, -6.5520,
1.4997

■ 34.7430, -17.1283,
-12.9296

■ 104.5060,
-24.4065, -11.8448

■ 17.6100, -8.6817,
-15.4440

■ 129.9790,
-25.1326, -12.2596

■ 0.0000, 0.0000,
0.0000

■ 156.1640,
-25.7169, -11.5448


■ 183.6370,
-26.4430, -11.9596


■ 211.1100,
-27.1692, -12.3745


■ 238.1210,


-27.1747, -10.6301


 249.9840,
-19.2191, 4.3990


 55.6200, -23.9697,
-11.9447


 55.6200, -23.9697,
-11.9447


 53.9250, -26.5850,
-13.0892

 57.3150, -21.3543,
-10.8003

 59.3090, -18.8863,
-9.0410

 61.1180, -15.8342,
-7.9965

 62.8130, -13.2188,
-6.8520

 64.8070, -10.7509,
-5.0927

■ 66.5020, -8.1355,
-3.9483

■ 68.1970, -5.5201,
-2.8038

■ 70.3050, -2.6154,
-1.1445

■ 72.0000, 0.0000,
0.0000

Harmonies

Analogous

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



59.6940, -29.4291, 12.5464



55.6200, -23.9697, -11.9447



48.8300, -5.8322, -42.8239

Triad

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



55.6200, -23.9697, -11.9447



57.0040, 30.5640, -49.9925



60.6070, -0.2993, 49.4567

Complementary

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



55.6200, -23.9697, -11.9447



23.3800, 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.



64.2490, 12.6952, 34.8616



55.6200, -23.9697, -11.9447



52.8780, 35.0631, -46.3740

Square

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



55.6200, -23.9697, -11.9447



56.3710, 20.5231, -49.4374



65.9230, 23.7020, 4.4525



60.5130, -14.5499, 46.9081

Rectangle

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



55.6200, -23.9697, -11.9447



52.3980, 2.7618, -45.9530



65.9230, 23.7020, 4.4525



61.7360, 4.0742, 46.7125

Sweetspot

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



55.6200, -23.9697, -11.9447



87.8610, -9.2985, -4.2631



43.4580, -17.9738, 25.0313



44.1970, -5.5201, -2.8038



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



55.6200, -23.9697, -11.9447



70.4270, -34.7205, -17.0375



46.0520, -19.2526, -31.6176



34.9460, -1.4524, -0.8296



74.2590, -36.6097, -17.7671



169.7270, -83.6754, -41.8566

Inverse Universe

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



23.3800, 23.9697, 11.9447



23.8720, 34.5731, 17.6523



32.9480, 19.2526, 31.6176



33.0540, 1.4524, 0.8296



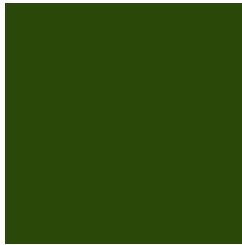
25.0400, 36.4623, 18.3819



57.2730, 83.6754, 41.8566

Previews

White Background



This preview shows how the YUV color 55.6200, -23.9697, -11.9447 looks on a white background.

Color Contrast Check

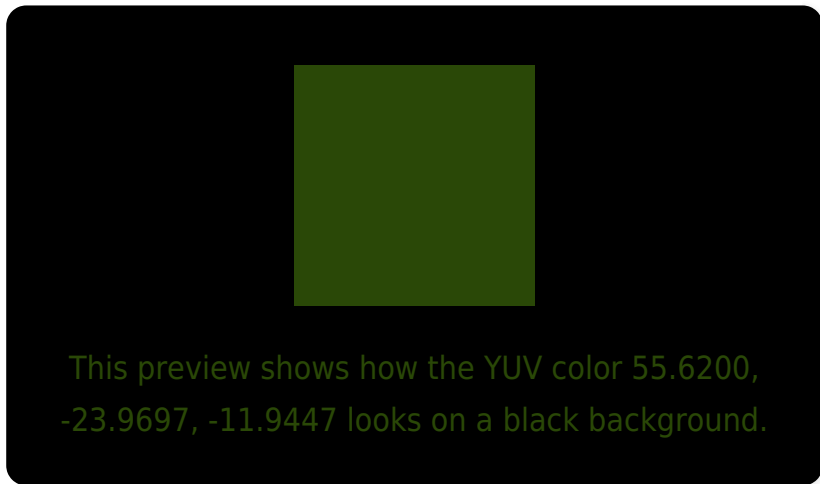
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 55.6200, -23.9697, -11.9447

Background



This preview shows how black text looks on a background with the YUV color 55.6200, -23.9697, -11.9447.



This preview shows how white text looks on a background with the YUV color 55.6200, -23.9697, -11.9447.

-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

55.6200, -23.9697, -11.9447

Protanopia

59.4380, -27.8239, 11.0169

Deuteranopia

61.8500, -22.6040, 16.7946



Tritanopia

62.4870, 4.6899, -10.9511

Trichromacy



Original Color

55.6200, -23.9697, -11.9447

Protanomaly

58.0240, -26.6338, 2.6100

Deuteranomaly

59.6700, -23.0083, 6.4284

Tritanomaly

60.0280, -5.9298, -11.4256

Monochromacy



Original Color

55.6200, -23.9697, -11.9447

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9750, -8.8617, -4.3631

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6200, -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(42, 72, 7)` looks like.

```
.text, #text, p{  
    color:rgb(42, 72, 7)  
}
```

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(42, 72, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 72, 7) }
```

Border

The CSS property to change the border of an element to YUV 55.6200, -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(42, 72, 7) }
```


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

```
.border{ border-color:rgb(42, 72, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 72, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 72, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 72, 7); box-shadow:4px  
4px 4px 4px rgb(42, 72, 7) }
```

Background

The CSS property to change the background color of an element to YUV 55.6200, -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(42, 72, 7) }
```

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

```
.background{ background-color: rgb(42, 72,  
7) }
```

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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