

Converting Colors

YUV(114.1900, -28.6877,
-38.7546)

Have a look what the booklet for
YUV(114.1900, -28.6877, -38.7546)
contains.

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Color

**YUV(114.1900, -28.6877,
-38.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	469438
RGB	70, 148, 56
RGB Percent	27%, 58%, 22%
CMY	0.7255, 0.4196, 0.7804
CMYK	0.53, 0.00, 0.62, 0.42
HSL	111°, 45%, 40%
HSV	111°, 62%, 58%
XYZ	13.8295, 22.7674, 7.4070
YIQ	114.1900, -16.9560, -45.1480

Conversions

Conversions Part 2

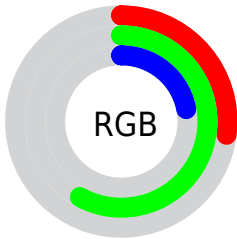
Format	Color
R_{YB}	56, 148, 134
Decimal	4625464
CIE _{Lab}	54.83, -42.33, 40.48
CIE _{LCh}	55, 58.569, 136.279
Yxy	22.7674, 0.3143, 0.5174
Android (android.graphics.Color)	4282815544 (0xFF469438)
YUV	114.1900, -28.6877, -38.7546
Hunter-Lab	47.7152, -31.7662, 24.1968

Details

The YUV color **114.1900, -28.6877, -38.7546** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **89.8100, 28.6877, 38.7546**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6200, -30.8717, -38.2547**, and **56.4660, -27.3447, -49.5207** is the 20% darker color. If you saturate the color by 10%, you get **108.5930, -33.3233, -45.2471**, and if you desaturate by 10%, it is **119.7870, -24.0520, -32.2622**.

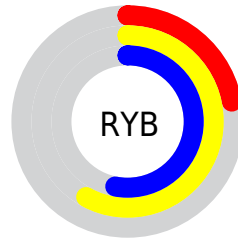
Distribution



Red (27%)

Green (58%)

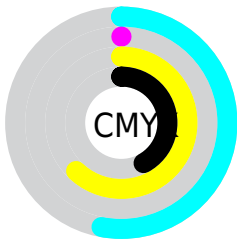
Blue (22%)



Red (22%)

Yellow (58%)

Blue (53%)

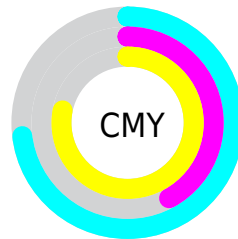


Cyan (53%)

Magenta (0%)

Yellow (62%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1900, -28.6877, -38.7546 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 114.1900, -28.6877, -38.7546 by changing the saturation by 10% instead.

■ 114.1900,
-28.6877, -38.7546

■ 114.1900,
-28.6877, -38.7546

■ 255.0000, 0.0000,
0.0000

■ 87.4070, -27.8087,
-40.6989

■ 168.6200,
-30.8717, -38.2547

■ 56.4660, -27.3447,
-49.5207

■ 196.5060,
-31.3085, -38.1548

■ 42.2640, -20.8362,
-37.0655

■ 221.9300,
-31.0245, -35.8956

■ 28.1760, -13.8908,
-24.7104

■ 233.7930,
-23.0689, -20.8665

■ 15.2620, -7.5242,
-13.3848

■ 245.6560,
-15.1134, -5.8373

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,

1.0998

■ 114.1900,
-28.6877, -38.7546

■ 114.1900,
-28.6877, -38.7546

■ 108.5930,
-33.3233, -45.2471

■ 119.7870,
-24.0520, -32.2622

■ 103.2950,
-38.1064, -51.1247

■ 125.0850,
-19.2689, -26.3845

■ 97.8120, -42.3053,
-57.7171

■ 130.5680,
-15.0700, -19.7921

■ 93.7530, -46.2202,
-62.0504

■ 135.8660,
-10.2869, -13.9145

■ 141.4630, -5.6513,
-7.4221

■ 146.7610, -0.8682,
-1.5444

■ 152.3580, 3.7675,
4.9480

■ 157.5420, 8.1138,
10.9257

■ 163.1390, 12.7495,
17.4181

Harmonies

Analogous

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



120.9990, -52.2575, 7.8939



114.1900, -28.6877, -38.7546



102.3680, 1.2976, -89.7767

Triad

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



114.1900, -28.6877, -38.7546



110.7480, 58.7912, -97.1260



127.4820, -10.5906, 83.7693

Complementary

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



114.1900, -28.6877, -38.7546



89.8100, 28.6877, 38.7546

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.



130.8820, 12.8762, 70.2635



114.1900, -28.6877, -38.7546



125.4720, 51.0393, -37.2479

Square

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



114.1900, -28.6877, -38.7546



112.4800, 45.1194, -98.6450



134.8950, 33.0828, 29.0331



127.3300, -33.6867, 71.6246

Rectangle

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



114.1900, -28.6877, -38.7546



107.0590, 16.7329, -93.8907



134.8950, 33.0828, 29.0331



127.9470, -2.4389, 82.4845

Sweetspot

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



114.1900, -28.6877, -38.7546



177.6270, -11.1551, -15.4589



128.7070, -35.8446, 16.9200



88.8110, -6.8088, -9.4812



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.1900, -28.6877, -38.7546



138.5190, -44.6259, -60.0912



113.5380, -13.0832, -50.4608



71.4080, -2.1731, -2.9888



87.2850, -43.0315, -58.1319



6.4680, -3.1887, -3.9184

Inverse Universe

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



89.8100, 28.6877, 38.7546



100.4810, 44.6259, 60.0912



90.4620, 13.0832, 50.4608



69.5920, 2.1731, 2.9888



50.7150, 43.0315, 58.1319



3.8310, 3.0413, 4.5332

Previews

White Background



This preview shows how the YUV color 114.1900, -28.6877, -38.7546 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 114.1900, -28.6877, -38.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

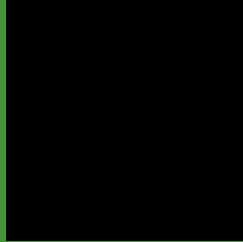
Any Text WCAG AA ✓ Pass

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 114.1900, -28.6877, -38.7546 Background



This preview shows how black text looks on a background with the YUV color 114.1900, -28.6877, -38.7546.



This preview shows how white text looks on a background with the YUV color 114.1900, -28.6877, -38.7546.

-38.7546.

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

114.1900, -28.6877, -38.7546

Protanopia

126.0660, -37.0075, 16.6051

Deuteranopia

128.1090, -32.0987, 28.8454



Tritanopia

125.3040, 12.1751, -31.8386

Trichromacy



Original Color

114.1900, -28.6877, -38.7546

Protanomaly

121.7430, -33.8903, -3.2826

Deuteranomaly

123.1830, -31.1492, 4.2245

Tritanomaly

121.0960, -2.5123, -34.2872

Monochromacy



Original Color

114.1900, -28.6877, -38.7546

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8660, -10.2869, -13.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1900, -28.6877, -38.7546 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(70, 148, 56)` looks like.

```
.text, #text, p{  
    color:rgb(70, 148, 56)  
}
```

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(70, 148, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 148, 56) }
```

Border

The CSS property to change the border of an element to YUV 114.1900, -28.6877, -38.7546 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(70, 148, 56) }
```


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

```
.border{ border-color:rgb(70, 148, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 148, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 148, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 148, 56);  
box-shadow:4px 4px 4px 4px rgb(70, 148,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 114.1900, -28.6877, -38.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 148, 56) }
```

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

```
.background{ background-color: rgb(70, 148,  
56) }
```

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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