

Converting Colors

YUV(127.2920, -46.9790,
-51.9991)

Have a look what the booklet for
YUV(127.2920, -46.9790, -51.9991)
contains.

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Color

**YUV(127.2920, -46.9790,
-51.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	44B020
RGB	68, 176, 32
RGB Percent	27%, 69%, 13%
CMY	0.7333, 0.3098, 0.8745
CMYK	0.61, 0.00, 0.82, 0.31
HSL	105°, 69%, 41%
HSV	105°, 82%, 69%
XYZ	18.1699, 32.3839, 6.6596
YIQ	127.2920, -18.1440, -67.6800

Conversions

Conversions Part 2

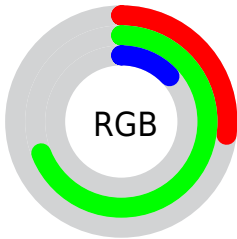
Format	Color
RYB	32, 176, 140
Decimal	4501536
CIELab	63.66, -55.32, 58.54
CIELCh	64, 80.549, 133.381
Yxy	32.3839, 0.3176, 0.5660
Android (android.graphics.Color)	4282691616 (0xFF44B020)
YUV	127.2920, -46.9790, -51.9991
Hunter-Lab	56.9069, -42.5932, 32.8963

Details

The YUV color **127.2920, -46.9790, -51.9991** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **80.7080, 46.9790, 51.9991**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6020, -47.1318, -49.6400**, and **71.6140, -35.3057, -62.8055** is the 20% darker color. If you saturate the color by 10%, you get **121.3530, -52.9250, -58.1916**, and if you desaturate by 10%, it is **133.2310, -41.0329, -45.8066**.

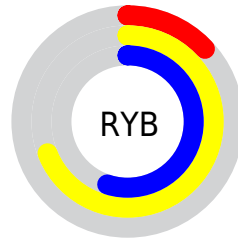
Distribution



Red (27%)

Green (69%)

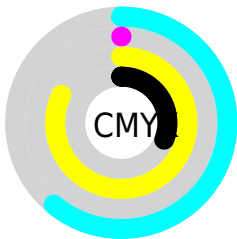
Blue (13%)



Red (13%)

Yellow (69%)

Blue (55%)

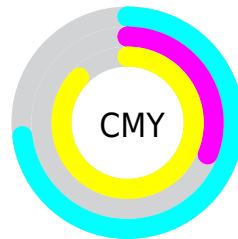


Cyan (61%)

Magenta (0%)

Yellow (82%)

Black (31%)



Cyan (73%)

Magenta (31%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2920, -46.9790, -51.9991 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 127.2920, -46.9790, -51.9991 by changing the saturation by 10% instead.

■ 127.2920,
-46.9790, -51.9991

■ 127.2920,
-46.9790, -51.9991

■ 255.0000, 0.0000,
0.0000

■ 96.7320, -47.6889,
-57.6470

■ 185.6020,
-47.1318, -49.6400

■ 71.6140, -35.3057,
-62.8055

■ 210.2650,
-45.9796, -45.8364

■ 56.3520, -27.7815,
-49.4207

■ 222.1280,
-38.0241, -30.8073

■ 41.6770, -20.5468,
-36.5507

■ 234.2900,
-30.2160, -15.1633

■ 28.7630, -14.1802,
-25.2252

■ 246.4520,
-22.4078, 0.4806

■ 12.3270, -6.0772,
-10.8108

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 127.2920,
-46.9790, -51.9991

■ 127.2920,
-46.9790, -51.9991

■ 121.3530,
-52.9250, -58.1916

■ 133.2310,
-41.0329, -45.8066

■ 116.4680,
-57.4187, -63.5544

■ 139.0560,
-35.5236, -39.5141

■ 145.2940,
-29.7249, -32.7068

■ 151.1190,
-24.2157, -26.4144

■ 157.0580,
-18.2696, -20.2219

■ 162.9970,
-12.3235, -14.0294

■ 168.8220, -6.8142,
-7.7369

■ 175.0600, -1.0156,
-0.9296

■ 180.8850, 4.4937,
5.3629

Harmonies

Analogous

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



141.1510, -69.5874, 13.0226



127.2920, -46.9790, -51.9991



120.5480, -5.2002, -105.7206

Triad

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



127.2920, -46.9790, -51.9991



131.2080, 61.0295, -115.0694



132.7590, -3.8252, 107.2054

Complementary

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



127.2920, -46.9790, -51.9991



80.7080, 46.9790, 51.9991

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.



146.2500, 25.0197, 95.3738



127.2920, -46.9790, -51.9991



118.2940, 67.3961, -103.7438

Square

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



127.2920, -46.9790, -51.9991



136.7360, 56.8252, -119.9175



157.5270, 48.0542, 33.7408



142.6170, -42.2092, 98.5599

Rectangle

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



127.2920, -46.9790, -51.9991



127.5360, 16.4978, -111.8491



157.5270, 48.0542, 33.7408



133.7340, 7.5261, 106.3503

Sweetspot

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



127.2920, -46.9790, -51.9991



210.2320, -18.8484, -21.2515



138.4520, -52.4808, 32.9296



103.2360, -11.4553, -12.4850



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



127.2920, -46.9790, -51.9991



153.8190, -73.3678, -81.4023



120.6320, -25.9476, -77.7303



86.1800, -3.0467, -2.7889



101.1730, -49.8783, -55.4027



17.0560, -8.4086, -9.6961

Inverse Universe

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



80.7080, 46.9790, 51.9991



80.8820, 73.5152, 80.7875



87.3680, 25.9476, 77.7303



83.1190, 2.8993, 3.4036



51.8270, 49.8783, 55.4027



8.6450, 8.5560, 9.0813

Previews

White Background



This preview shows how the YUV color 127.2920, -46.9790, -51.9991 looks on a white 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

Black Background



This preview shows how the YUV color 127.2920, -46.9790, -51.9991 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 ✓ Pass

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

YUV 127.2920, -46.9790, -51.9991 Background



This preview shows how black text looks on a background with the YUV color 127.2920, -46.9790, -51.9991.



This preview shows how white text looks on a background with the YUV color 127.2920, -46.9790, -51.9991.

-51.9991.

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

127.2920, -46.9790, -51.9991

Protanopia

144.2030, -58.2741, 24.3780

Deuteranopia

147.9950, -49.2975, 38.5924



Tritanopia

145.4490, 15.5546, -42.4898

Trichromacy



Original Color

127.2920, -46.9790, -51.9991

Protanomaly

137.7650, -54.1141, -3.3019

Deuteranomaly

140.3130, -48.4683, 5.8645

Tritanomaly

138.4660, -7.1317, -46.0127

Monochromacy



Original Color

127.2920, -46.9790, -51.9991

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2970, -17.4014, -18.6775

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2920, -46.9790, -51.9991 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(68, 176, 32)` looks like.

```
.text, #text, p{  
    color:rgb(68, 176, 32)  
}
```

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(68, 176, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 176, 32) }
```

Border

The CSS property to change the border of an element to YUV 127.2920, -46.9790, -51.9991 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(68, 176, 32) }
```


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

```
.border{ border-color:rgb(68, 176, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 176, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 176, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 176, 32);  
box-shadow:4px 4px 4px 4px rgb(68, 176,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 127.2920, -46.9790, -51.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 176, 32) }
```

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

```
.background{ background-color: rgb(68, 176,  
32) }
```

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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