

Converting Colors

YUV(152.2190, -63.2120,
-72.1061)

Have a look what the booklet for
YUV(152.2190, -63.2120, -72.1061)
contains.

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Color

**YUV(152.2190, -63.2120,
-72.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	46DB18
RGB	70, 219, 24
RGB Percent	27%, 86%, 9%
CMY	0.7255, 0.1412, 0.9059
CMYK	0.68, 0.00, 0.89, 0.14
HSL	106°, 80%, 48%
HSV	106°, 89%, 86%
XYZ	28.0222, 52.0311, 9.4302
YIQ	152.2190, -26.2090, -92.2330

Conversions

Conversions Part 2

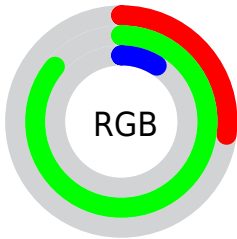
Format	Color
RYB	24, 219, 173
Decimal	4643608
CIELab	77.30, -69.37, 72.37
CIELCh	77, 100.252, 133.787
Yxy	52.0311, 0.3132, 0.5815
Android (android.graphics.Color)	4282833688 (0xFF46DB18)
YUV	152.2190, -63.2120, -72.1061
Hunter-Lab	72.1326, -56.8880, 42.7415

Details

The YUV color **152.2190, -63.2120, -72.1061** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **90.7810, 63.2120, 72.1061**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5490, -53.5147, -55.7325**, and **95.0940, -46.8813, -83.3974** is the 20% darker color. If you saturate the color by 10%, you get **144.6280, -70.3156, -80.3578**, and if you desaturate by 10%, it is **159.8100, -56.1083, -63.8544**.

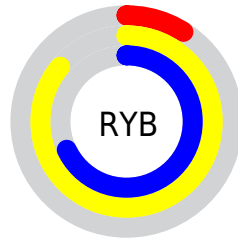
Distribution



Red (27%)

Green (86%)

Blue (9%)



Red (9%)

Yellow (86%)

Blue (68%)

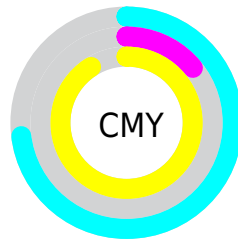


Cyan (68%)

Magenta (0%)

Yellow (89%)

Black (14%)



Cyan (73%)

Magenta (14%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2190, -63.2120, -72.1061 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 152.2190, -63.2120, -72.1061 by changing the saturation by 10% instead.

■ 152.2190,
-63.2120, -72.1061

■ 152.2190,
-63.2120, -72.1061

■ 255.0000, 0.0000,
0.0000

■ 116.3140,
-57.3428, -87.9754

■ 201.5490,
-53.5147, -55.7325

■ 95.0940, -46.8813,
-83.3974

■ 214.1240,
-45.4171, -39.5737

■ 79.2450, -39.0678,
-69.4979

■ 226.5850,
-37.7564, -23.3150

■ 63.9830, -31.5436,
-56.1131

■ 239.1600,
-29.6589, -7.1563

■ 48.7210, -24.0195,
-42.7283

■ 249.6420,
-20.5295, 4.6990

■ 34.6330, -17.0741,
-30.3731

■ 253.0620, -7.4256,

■ 19.3710, -9.5499,

1.6996

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 152.2190,
-63.2120, -72.1061

■ 152.2190,
-63.2120, -72.1061

■ 144.6280,
-70.3156, -80.3578

■ 159.8100,
-56.1083, -63.8544

■ 144.1010,
-71.0418, -80.7726

■ 167.1020,
-48.8573, -56.2175

■ 174.6930,
-41.7536, -47.9658

■ 182.2840,
-34.6500, -39.7141

■ 189.7610,
-27.9832, -31.3624

■ 197.0530,
-20.7321, -23.7255

■ 204.6440,
-13.6285, -15.4738

■ 212.2350, -6.5249,
-7.2221

■ 219.8260, 0.5788,
1.0296

Harmonies

Analogous

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



174.2100, -85.8855, 13.8478



152.2190, -63.2120, -72.1061



149.2260, -7.0134, -130.8712

Triad

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



152.2190, -63.2120, -72.1061



155.8620, 48.8750, -136.6910



138.2990, 7.2476, 102.3468

Complementary

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



152.2190, -63.2120, -72.1061



90.7810, 63.2120, 72.1061

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.



157.0050, 43.3815, 85.9416



152.2190, -63.2120, -72.1061



139.4260, 56.9780, -122.2766

Square

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



152.2190, -63.2120, -72.1061



163.4930, 45.1130, -143.3834



186.5650, 33.7385, 52.1245



155.0410, -45.3762, 87.6640

Rectangle

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



152.2190, -63.2120, -72.1061



158.5110, 20.9471, -139.0141



186.5650, 33.7385, 52.1245



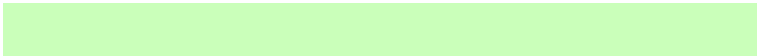
138.7840, 21.7985, 101.9214

Sweetspot

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



152.2190, -63.2120, -72.1061



231.2870, -22.3265, -25.6847



168.0070, -70.9955, 44.7209



113.7580, -13.1917, -15.5738



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



152.2190, -63.2120, -72.1061



167.6250, -82.6391, -94.3871



144.0510, -35.0281, -105.2847



106.0550, -3.4781, -4.4332



113.8100, -56.1083, -63.8544



30.2910, -14.9335, -16.9182

Inverse Universe

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



90.7810, 63.2120, 72.1061



87.3750, 82.6391, 94.3871



98.9490, 35.0281, 105.2847



102.6460, 3.6255, 3.8185



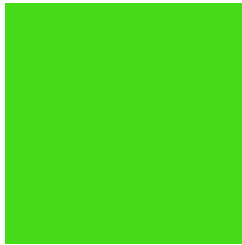
59.1900, 56.1083, 63.8544



15.7090, 14.9335, 16.9182

Previews

White Background



This preview shows how the YUV color 152.2190, -63.2120, -72.1061 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 152.2190, -63.2120, -72.1061 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 152.2190, -63.2120, -72.1061 Background



This preview shows how black text looks on a background with the YUV color 152.2190, -63.2120, -72.1061.



This preview shows how white text looks on a background with the YUV color 152.2190, -63.2120, -72.1061.

-72.1061.

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

152.2190, -63.2120, -72.1061

Protanopia

176.4710, -81.5772, 32.0359

Deuteranopia

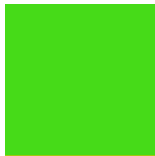
182.6360, -64.8965, 48.5542



Tritanopia

178.3160, 20.5502, -58.1591

Trichromacy



Original Color

152.2190, -63.2120, -72.1061



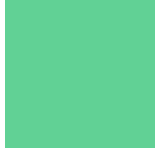
Protanomaly

167.9500, -74.9113, -6.0951



Deuteranomaly

171.4750, -64.3242, 4.8454



Tritanomaly

168.6720, -9.6983, -62.8563

Monochromacy



Original Color

152.2190, -63.2120, -72.1061



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.7600, -23.0527, -26.0995

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2190, -63.2120, -72.1061 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, 219, 24)` looks like.

```
.text, #text, p{  
    color:rgb(70, 219, 24)  
}
```

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, 219, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 219, 24) }
```

Border

The CSS property to change the border of an element to YUV 152.2190, -63.2120, -72.1061 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, 219, 24) }
```


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

```
.border{ border-color:rgb(70, 219, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 219, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 219, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 219, 24);  
box-shadow:4px 4px 4px 4px rgb(70, 219,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 152.2190, -63.2120, -72.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 219, 24) }
```

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

```
.background{ background-color: rgb(70, 219,  
24) }
```

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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