

Converting Colors

YUV(151.0650, -69.0520,
28.0070)

Have a look what the booklet for
YUV(151.0650, -69.0520, 28.0070)
contains.

YUV(151.0650, -69.0520, 28.0070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.0650, -69.0520,
28.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A20B
RGB	183, 162, 11
RGB Percent	72%, 64%, 4%
CMY	0.2824, 0.3647, 0.9569
CMYK	0.00, 0.11, 0.94, 0.28
HSL	53°, 89%, 38%
HSV	53°, 94%, 72%
XYZ	32.5092, 35.9321, 5.5388
YIQ	151.0650, 60.9870, -42.5090

Conversions

Conversions Part 2

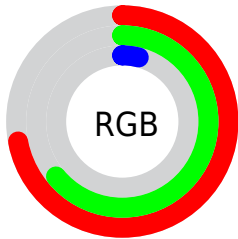
Format	Color
RYB	35, 183, 11
Decimal	12034571
CIELab	66.47, -5.79, 68.08
CIELCh	66, 68.327, 94.865
Yxy	35.9321, 0.4394, 0.4857
Android (android.graphics.Color)	4290224651 (0xFFB7A20B)
YUV	151.0650, -69.0520, 28.0070
Hunter-Lab	59.9434, -8.0948, 36.4820

Details

The YUV color **151.0650, -69.0520, 28.0070** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **42.9350, 69.0520, -28.0070**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4550, -63.8213, 30.2960**, and **102.5320, -50.5483, 19.7044** is the 20% darker color. If you saturate the color by 10%, you get **149.2240, -73.5674, 29.6216**, and if you desaturate by 10%, it is **154.2910, -61.7685, 25.1778**.

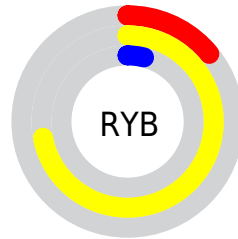
Distribution



Red (72%)

Green (64%)

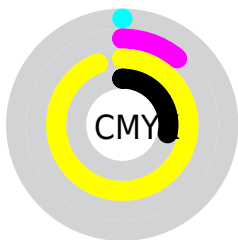
Blue (4%)



Red (14%)

Yellow (72%)

Blue (4%)

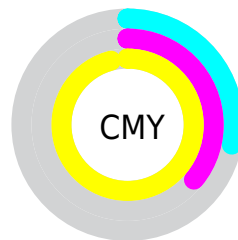


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0650, -69.0520, 28.0070 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 151.0650, -69.0520, 28.0070 by changing the saturation by 10% instead.

■ 151.0650,
-69.0520, 28.0070

■ 151.0650,
-69.0520, 28.0070

■ 255.0000, 0.0000,
0.0000

■ 125.8780,
-62.0579, 24.6630

■ 208.4550,
-63.8213, 30.2960

■ 102.5320,
-50.5483, 19.7044

■ 232.2580,
-61.7522, 19.9447

■ 80.3710, -39.6229,
15.4606

■ 241.3200,
-52.4158, 11.9974

■ 58.4980, -28.8395,
10.0873

■ 244.5120,
-40.1854, 9.1980

■ 38.1090, -18.7877,
6.0434

■ 247.7040,
-27.9551, 6.3986

■ 18.5950, -9.1673,
0.3552

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.4300, -2.1840,
0.4999

■ 151.0650,
-69.0520, 28.0070

■ 151.0650,
-69.0520, 28.0070

■ 149.2240,
-73.5674, 29.6216

■ 154.2910,
-61.7685, 25.1778

■ 157.6310,
-54.0481, 22.2486

■ 161.4440,
-47.0539, 18.9046

■ 164.6700,
-39.7703, 16.0754

■ 168.0100,
-32.0499, 13.1462

■ 171.2360,
-24.7663, 10.3170

■ 175.0490,
-17.7722, 6.9730

■ 178.2750,
-10.4886, 4.1438

■ 181.6150, -2.7682,
1.2146

Harmonies

Analogous

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



156.2760, -55.3521, 67.2869



151.0650, -69.0520, 28.0070



145.7670, -47.2131, -23.4747

Triad

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



151.0650, -69.0520, 28.0070



137.1630, 45.7686, -120.2920



164.0850, 25.1011, 69.2085

Complementary

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



151.0650, -69.0520, 28.0070



42.9350, 69.0520, -28.0070

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.



164.4610, 44.6357, 10.1197



151.0650, -69.0520, 28.0070



135.9040, 58.7143, -119.1878

Square

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



151.0650, -69.0520, 28.0070



130.9100, 19.2714, -114.8081



126.5120, 63.3446, -110.9510



152.5010, 0.7390, 89.8916

Rectangle

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



151.0650, -69.0520, 28.0070



134.0720, -23.2065, -70.2231



126.5120, 63.3446, -110.9510



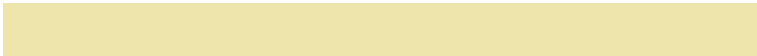
165.7500, 33.1542, 52.8392

Sweetspot

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



151.0650, -69.0520, 28.0070



224.7800, -26.5135, 10.7169



65.0500, -15.3076, 103.4421



112.3910, -16.4618, 6.6731



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



151.0650, -69.0520, 28.0070



192.9590, -95.1288, 38.6240



144.5550, -65.8426, -21.5347



90.3870, -3.6418, 1.4146



127.0630, -62.6421, 25.3777



23.0470, -11.3622, 4.3438

Inverse Universe

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



42.9350, 69.0520, -28.0070



44.0410, 95.1288, -38.6240



49.4450, 65.8426, 21.5347



84.6130, 3.6418, -1.4146



28.9370, 62.6421, -25.3777



4.9530, 11.3622, -4.3438

Previews

White Background



This preview shows how the YUV color 151.0650, -69.0520, 28.0070 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 151.0650, -69.0520, 28.0070 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 151.0650, -69.0520, 28.0070

Background



This preview shows how black text looks on a background with the YUV color 151.0650, -69.0520, 28.0070.



This preview shows how white text looks on a background with the YUV color 151.0650, -69.0520, 28.0070.

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

151.0650, -69.0520, 28.0070

Protanopia

150.7660, -68.9046, 27.3922

Deuteranopia

153.3150, -64.7383, 44.4507



Tritanopia

164.5130, -1.2389, 24.1061

Trichromacy



Original Color

151.0650, -69.0520, 28.0070

Protanomaly

150.7660, -68.9046, 27.3922

Deuteranomaly

152.2280, -66.1744, 38.3880

Tritanomaly

159.6940, -25.9781, 25.7014

Monochromacy



Original Color

151.0650, -69.0520, 28.0070

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1220, -25.2031, 10.4170

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0650, -69.0520, 28.0070 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(183, 162, 11)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 11)  
}
```

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(183, 162, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 11) }
```

Border

The CSS property to change the border of an element to YUV 151.0650, -69.0520, 28.0070 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(183, 162, 11) }
```


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

```
.border{ border-color:rgb(183, 162, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 162, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 11);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 151.0650, -69.0520, 28.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 11) }
```

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

```
.background{ background-color: rgb(183,  
162, 11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor