

Converting Colors

YUV(117.7020, -42.2511,
-75.1607)

Have a look what the booklet for
YUV(117.7020, -42.2511, -75.1607)
contains.

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Color

**YUV(117.7020, -42.2511,
-75.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	20B220
RGB	32, 178, 32
RGB Percent	13%, 70%, 13%
CMY	0.8745, 0.3020, 0.8745
CMYK	0.82, 0.00, 0.82, 0.30
HSL	120°, 70%, 41%
HSV	120°, 82%, 70%
XYZ	16.7768, 32.2522, 6.7076
YIQ	117.7020, -40.1500, -76.3580

Conversions

Conversions Part 2

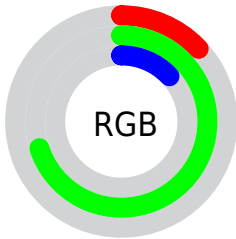
Format	Color
RYB	32, 178, 178
Decimal	2142752
CIELab	63.55, -62.42, 58.17
CIELCh	64, 85.319, 137.018
Yxy	32.2522, 0.3010, 0.5787
Android (android.graphics.Color)	4280332832 (0xFF20B220)
YUV	117.7020, -42.2511, -75.1607
Hunter-Lab	56.7910, -46.6531, 32.7510

Details

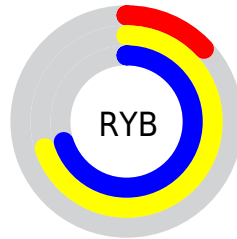
The YUV color **117.7020, -42.2511, -75.1607** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **92.2980, 42.2511, 75.1607**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8990, -44.3202, -64.8094**, and **72.7880, -35.8845, -63.8351** is the 20% darker color. If you saturate the color by 10%, you get **110.2680, -47.4601, -84.4270**, and if you desaturate by 10%, it is **125.1360, -37.0420, -65.8943**.

Distribution



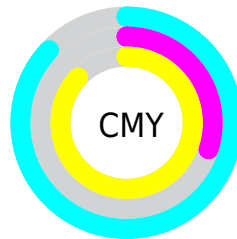
- Red (13%)
- Green (70%)
- Blue (13%)



- Red (13%)
- Yellow (70%)
- Blue (70%)



- Cyan (82%)
- Magenta (0%)
- Yellow (82%)
- Black (30%)





- Cyan (87%)
- Magenta (30%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.7020, -42.2511, -75.1607 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 117.7020, -42.2511, -75.1607 by changing the saturation by 10% instead.


 117.7020,
-42.2511, -75.1607


 117.7020,
-42.2511, -75.1607


255.0000, 0.0000,
0.0000


 88.0500, -43.4087,
-77.2198


 179.8990,
-44.3202, -64.8094


 72.7880, -35.8845,
-63.8351


 203.9860,
-42.8841, -58.7467


 56.9390, -28.0709,
-49.9355


 216.1480,
-35.0760, -43.1028

 42.2640, -20.8362,
-37.0655

 228.3100,
-27.2678, -27.4589

 28.7630, -14.1802,
-25.2252

 240.7710,
-19.6071, -11.2002

 12.3270, -6.0772,
-10.8108

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 117.7020,
-42.2511, -75.1607

■ 117.7020,
-42.2511, -75.1607

■ 110.2680,
-47.4601, -84.4270

■ 125.1360,
-37.0420, -65.8943

■ 104.4860,
-51.5116, -91.6342

■ 132.5700,
-31.8330, -56.6279

■ 139.5910,
-26.9134, -47.8763

■ 147.0250,
-21.7043, -38.6099

■ 154.4590,
-16.4953, -29.3435

■ 161.8930,
-11.2862, -20.0772

■ 169.3270, -6.0772,
-10.8108

■ 176.3480, -1.1576,
-2.0592

■ 183.7820, 4.0515,
7.2072

Harmonies

Analogous

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



139.6230, -68.8341, 4.7156



117.7020, -42.2511, -75.1607



121.9330, -2.4320, -106.9352

Triad

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



117.7020, -42.2511, -75.1607



130.6210, 61.3188, -114.5546



126.2220, -6.0254, 112.9383

Complementary

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



117.7020, -42.2511, -75.1607



92.2980, 42.2511, 75.1607

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.



137.2340, 26.0136, 103.2808



117.7020, -42.2511, -75.1607



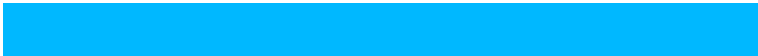
127.6070, 62.8047, -77.7083

Square

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



117.7020, -42.2511, -75.1607



137.0780, 58.1355, -120.2174



156.1310, 48.7424, 46.3661



140.6790, -49.6347, 100.2595

Rectangle

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



117.7020, -42.2511, -75.1607



129.1490, 20.1395, -113.2637



156.1310, 48.7424, 46.3661



125.5500, 6.6309, 113.5277

Sweetspot

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



117.7020, -42.2511, -75.1607



208.0460, -16.7847, -29.8583



161.3560, -63.7725, 14.5968



102.5450, -10.1287, -18.0180



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



117.7020, -42.2511, -75.1607



138.2490, -65.6918, -116.8594



126.0240, -10.3648, -82.4590



85.2830, -2.6045, -4.6332



89.8110, -44.2768, -78.7642



15.2620, -7.5242, -13.3848

Inverse Universe

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



92.2980, 42.2511, 75.1607



98.7510, 65.6918, 116.8594



83.9760, 10.3648, 82.4590



83.7170, 2.6045, 4.6332



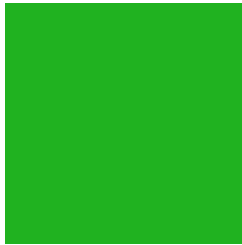
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 117.7020, -42.2511, -75.1607 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 117.7020, -42.2511, -75.1607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

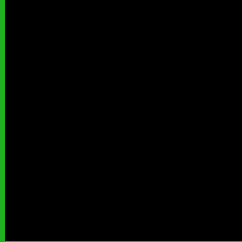
Any Text WCAG AA ✓ Pass

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 117.7020, -42.2511, -75.1607 Background



This preview shows how black text looks on a background with the YUV color 117.7020, -42.2511, -75.1607.



This preview shows how white text looks on a background with the YUV color 117.7020, -42.2511, -75.1607.

-75.1607.

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

117.7020, -42.2511, -75.1607

Protanopia

144.0890, -58.7109, 24.4779

Deuteranopia

147.8100, -48.7133, 37.8776



Tritanopia

141.4690, 18.5028, -54.7853

Trichromacy



Original Color

117.7020, -42.2511, -75.1607



Protanomaly

134.4650, -52.4872, -11.8088



Deuteranomaly

136.8280, -46.2572, -3.3572



Tritanomaly

132.6920, -3.2992, -61.9969

Monochromacy



Original Color

117.7020, -42.2511, -75.1607



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.1110, -15.3377, -27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7020, -42.2511, -75.1607 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(32, 178, 32)` looks like.

```
.text, #text, p{  
    color:rgb(32, 178, 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(32, 178, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 178, 32) }
```

Border

The CSS property to change the border of an element to YUV 117.7020, -42.2511, -75.1607 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(32, 178, 32) }
```


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

```
.border{ border-color:rgb(32, 178, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 178, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 178, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 178, 32);  
box-shadow:4px 4px 4px 4px rgb(32, 178,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 117.7020, -42.2511, -75.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 178, 32) }
```

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

```
.background{ background-color: rgb(32, 178,  
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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