

Converting Colors

YUV(181.7020, -42.2511,
-75.1607)

Have a look what the booklet for
YUV(181.7020, -42.2511, -75.1607)
contains.

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Color

**YUV(181.7020, -42.2511,
-75.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	60F260
RGB	96, 242, 96
RGB Percent	38%, 95%, 38%
CMY	0.6235, 0.0510, 0.6235
CMYK	0.60, 0.00, 0.60, 0.05
HSL	120°, 85%, 66%
HSV	120°, 60%, 95%
XYZ	38.6873, 66.8356, 21.9279
YIQ	181.7020, -40.1500, -76.3580

Conversions

Conversions Part 2

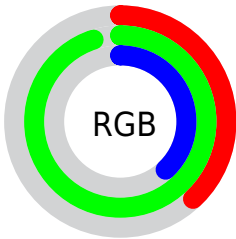
Format	Color
RYB	96, 242, 242
Decimal	6353504
CIELab	85.42, -66.61, 57.63
CIELCh	85, 88.081, 139.132
Yxy	66.8356, 0.3035, 0.5244
Android (android.graphics.Color)	4284543584 (0xFF60F260)
YUV	181.7020, -42.2511, -75.1607
Hunter-Lab	81.7530, -58.5977, 41.3243

Details

The YUV color **181.7020, -42.2511, -75.1607** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **156.2980, 42.2511, 75.1607**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4400, -31.2759, -48.6209**, and **113.0410, -36.5022, -99.1370** is the 20% darker color. If you saturate the color by 10%, you get **171.7900, -49.1965, -87.5158**, and if you desaturate by 10%, it is **191.6140, -35.3057, -62.8055**.

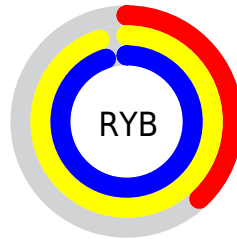
Distribution



Red (38%)

Green (95%)

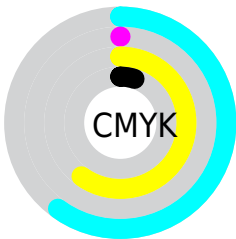
Blue (38%)



Red (38%)

Yellow (95%)

Blue (95%)

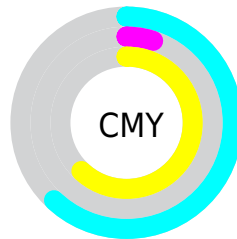


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (62%)

Magenta (5%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7020, -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 181.7020, -42.2511, -75.1607 by changing the saturation by 10% instead.

■ 181.7020,
-42.2511, -75.1607

■ 181.7020,
-42.2511, -75.1607

255.0000, 0.0000,
0.0000

■ 150.8370,
-40.3456, -79.6640

■ 214.4400,
-31.2759, -48.6209

■ 113.0410,
-36.5022, -99.1370

■ 226.9010,
-23.6152, -32.3622

■ 92.1590, -45.4344,
-80.8234

■ 239.3620,
-15.9545, -16.1035

■ 76.3100, -37.6208,
-66.9239

■ 251.9370, -7.8569,
0.0553

■ 60.4610, -29.8073,
-53.0243

■ 45.1990, -22.2831,
-39.6395

■ 31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 181.7020,
-42.2511, -75.1607

■ 181.7020,
-42.2511, -75.1607

■ 171.7900,
-49.1965, -87.5158

■ 191.6140,
-35.3057, -62.8055

■ 161.8780,
-56.1419, -99.8710

■ 201.5260,
-28.3603, -50.4503

■ 151.5530,
-63.3766, -112.7410

■ 211.8510,
-21.1255, -37.5803

■ 142.0540,
-70.0326, -124.5814

■ 221.7630,
-14.1802, -25.2252

 231.6750, -7.2348,
-12.8700

 241.5870, -0.2894,
-0.5148

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



194.0260, -90.2318, 7.8702



181.7020, -42.2511, -75.1607



167.1560, 5.8391, -146.5958

Triad

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



181.7020, -42.2511, -75.1607



165.2540, 44.2448, -144.9278



173.0120, -4.4429, 71.9035

Complementary

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



181.7020, -42.2511, -75.1607



156.2980, 42.2511, 75.1607

Split Complementary

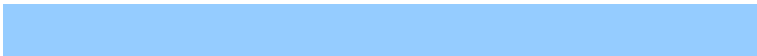
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182.4740, 31.8113, 63.6053



181.7020, -42.2511, -75.1607



193.3690, 30.3841, -38.9116

Square

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



181.7020, -42.2511, -75.1607



174.0590, 39.9039, -152.6497



202.7570, 25.7558, 45.8171



181.9580, -46.3213, 64.0578

Rectangle

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



181.7020, -42.2511, -75.1607



174.9420, 30.5946, -153.4241



202.7570, 25.7558, 45.8171



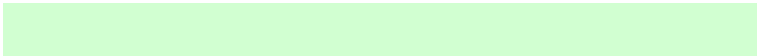
173.1550, 8.7976, 71.7781

Sweetspot

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



181.7020, -42.2511, -75.1607



236.0020, -13.3120, -23.6808



225.3560, -63.7725, 14.5968



116.0230, -8.3923, -14.9292



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.



181.7020, -42.2511, -75.1607



179.0080, -53.2479, -94.7230



190.0240, -10.3648, -82.4590



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287

Inverse Universe

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



156.2980, 42.2511, 75.1607



146.9920, 53.2479, 94.7230



147.9760, 10.3648, 82.4590



112.9560, 3.4727, 6.1776



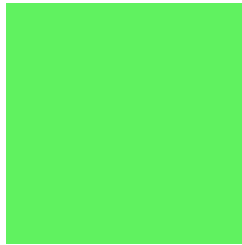
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 181.7020, -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 181.7020, -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 181.7020, -42.2511, -75.1607 Background



This preview shows how black text looks on a background with the YUV color 181.7020, -42.2511, -75.1607.



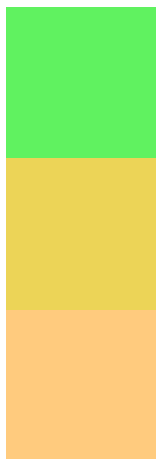
This preview shows how white text looks on a background with the YUV color 181.7020, -42.2511, -75.1607.

-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

181.7020, -42.2511, -75.1607

Protanopia

204.9260, -58.1375, 27.2519

Deuteranopia

209.7700, -41.2986, 39.6667



Tritanopia

200.6470, 21.8660, -60.2034

Trichromacy



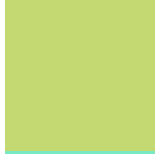
Original Color

181.7020, -42.2511, -75.1607



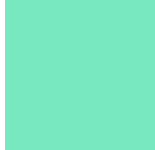
Protanomaly

196.4760, -52.4927, -10.0645



Deuteranomaly

199.3920, -41.6053, -2.0978



Tritanomaly

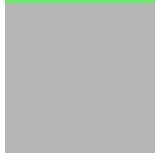
193.5390, -1.2517, -65.3707

Monochromacy



Original Color

181.7020, -42.2511, -75.1607



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

182.1110, -15.3377, -27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7020, -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(96, 242, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 242, 96)  
}
```

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(96, 242, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 242, 96) }
```

Border

The CSS property to change the border of an element to YUV 181.7020, -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(96, 242, 96) }
```


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

```
.border{ border-color:rgb(96, 242, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 242, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 242, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 242, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 242,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 181.7020, -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(96, 242, 96) }
```

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

```
.background{ background-color: rgb(96, 242,  
96) }
```

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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