

Converting Colors

YUV(105.7120, -20.5640,
-77.8004)

Have a look what the booklet for
YUV(105.7120, -20.5640, -77.8004)
contains.

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Color

**YUV(105.7120, -20.5640,
-77.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	119F40
RGB	17, 159, 64
RGB Percent	7%, 62%, 25%
CMY	0.9333, 0.3765, 0.7490
CMYK	0.89, 0.00, 0.60, 0.38
HSL	140°, 81%, 35%
HSV	140°, 89%, 62%
XYZ	13.5547, 25.2856, 9.0167
YIQ	105.7120, -54.1370, -59.6490

Conversions

Conversions Part 2

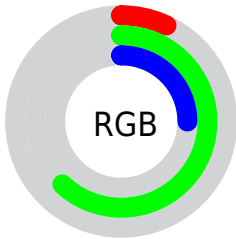
Format	Color
RYB	17, 124, 159
Decimal	1154880
CIELab	57.35, -54.95, 39.29
CIELCh	57, 67.552, 144.430
Yxy	25.2856, 0.2832, 0.5284
Android (android.graphics.Color)	4279344960 (0xFF119F40)
YUV	105.7120, -20.5640, -77.8004
Hunter-Lab	50.2848, -39.8821, 24.5679

Details

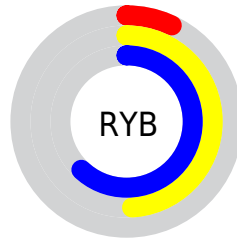
The YUV color **105.7120, -20.5640, -77.8004** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **70.2880, 20.5640, 77.8004**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1220, -25.6961, -65.0050**, and **63.4760, -25.8707, -55.6685** is the 20% darker color. If you saturate the color by 10%, you get **99.6740, -23.0103, -86.5371**, and if you desaturate by 10%, it is **111.7500, -18.1178, -69.0637**.

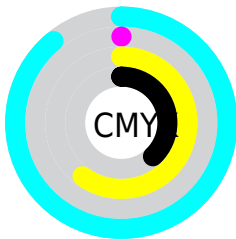
Distribution



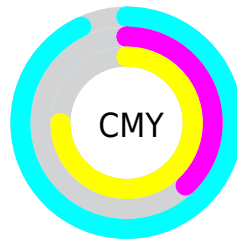
- Red (7%)
- Green (62%)
- Blue (25%)



- Red (7%)
- Yellow (49%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (60%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7120, -20.5640, -77.8004 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 105.7120, -20.5640, -77.8004 by changing the saturation by 10% instead.

■ 105.7120,
-20.5640, -77.8004

■ 105.7120,
-20.5640, -77.8004

■ 255.0000, 0.0000,
0.0000

■ 81.9300, -21.1645,
-71.8526

■ 167.1220,
-25.6961, -65.0050

■ 63.4760, -25.8707,
-55.6685

■ 196.0790,
-27.1539, -64.0903

■ 46.9600, -23.1513,
-41.1839

■ 214.5840,
-22.9659, -54.0092

■ 32.8720, -16.2059,
-28.8287

■ 226.4470,
-15.0104, -38.9800

■ 19.3710, -9.5499,
-16.9884

■ 238.6090, -7.2022,
-23.3361

■ 0.0000, 0.0000,
0.0000

■ 250.8850, 1.0427,

-7.7921

■ 105.7120,
-20.5640, -77.8004

■ 105.7120,
-20.5640, -77.8004

■ 99.6740, -23.0103,
-86.5371

■ 111.7500,
-18.1178, -69.0637

■ 99.3750, -22.8629,
-87.1519

■ 117.6740,
-16.1083, -60.2271

■ 123.7120,
-13.6620, -51.4904

■ 129.7500,
-11.2157, -42.7537

■ 135.6740, -9.2063,
-33.9171

■ 141.4130, -6.6126,
-25.7952

■ 147.3370, -4.6031,
-16.9585

■ 153.3750, -2.1569,
-8.2219

■ 159.4130, 0.2894,
0.5148

Harmonies

Analogous

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



122.7450, -60.5133, -4.1614



105.7120, -20.5640, -77.8004



110.4040, 6.7028, -96.8243

Triad

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



105.7120, -20.5640, -77.8004



115.9460, 68.5536, -101.6846



129.9090, -18.1961, 96.5498

Complementary

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



105.7120, -20.5640, -77.8004



70.2880, 20.5640, 77.8004

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.



132.3900, 9.1747, 90.8660



105.7120, -20.5640, -77.8004



136.3800, 54.0427, -20.5043

Square

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



105.7120, -20.5640, -77.8004



120.4820, 55.4714, -105.6627



140.9130, 32.5809, 50.0653



131.5510, -45.6276, 74.9388

Rectangle

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



105.7120, -20.5640, -77.8004



115.6650, 24.3222, -101.4382



140.9130, 32.5809, 50.0653



129.7380, -8.7448, 98.4538

Sweetspot

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



105.7120, -20.5640, -77.8004



185.9240, -8.3435, -30.6283



129.3570, -55.3920, -13.4681



92.2120, -5.0345, -18.6029



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



105.7120, -20.5640, -77.8004



129.2610, -30.2017, -113.3619



113.5780, 9.5750, -84.6989



76.0380, -1.0047, -4.4183



89.2990, -20.8534, -78.3152



9.3750, -2.1569, -8.2219

Inverse Universe

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



70.2880, 20.5640, 77.8004



77.6250, 29.7649, 113.4619



62.4220, -9.5750, 84.6989



73.9620, 1.0047, 4.4183



53.7010, 20.8534, 78.3152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 105.7120, -20.5640, -77.8004 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 105.7120, -20.5640, -77.8004 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 × Fail

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

YUV 105.7120, -20.5640, -77.8004 Background



This preview shows how black text looks on a background with the YUV color 105.7120, -20.5640, -77.8004.



This preview shows how white text looks on a background with the YUV color 105.7120, -20.5640, -77.8004.

-77.8004.

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

105.7120, -20.5640, -77.8004

Protanopia

132.3650, -37.1549, 17.2199

Deuteranopia

134.7500, -30.9357, 29.1603



Tritanopia

125.2520, 17.6238, -52.8410

Trichromacy



Original Color

105.7120, -20.5640, -77.8004



Protanomaly

122.7520, -30.9367, -17.3225



Deuteranomaly

124.4200, -27.3221, -10.0153



Tritanomaly

118.5270, 3.6842, -61.8522

Monochromacy



Original Color

105.7120, -20.5640, -77.8004



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

105.8750, -7.3334, -27.9544

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7120, -20.5640, -77.8004 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(17, 159, 64)` looks like.

```
.text, #text, p{  
    color:rgb(17, 159, 64)  
}
```

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(17, 159, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 159, 64) }
```

Border

The CSS property to change the border of an element to YUV 105.7120, -20.5640, -77.8004 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(17, 159, 64) }
```


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

```
.border{ border-color:rgb(17, 159, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 159, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 159, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 159, 64);  
box-shadow:4px 4px 4px 4px rgb(17, 159,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 105.7120, -20.5640, -77.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 159, 64) }
```

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

```
.background{ background-color: rgb(17, 159,  
64) }
```

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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