

Converting Colors

YUV(105.0070, -20.7095,
15.7799)

Have a look what the booklet for
YUV(105.0070, -20.7095, 15.7799)
contains.

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Color

**YUV(105.0070, -20.7095,
15.7799)**

Conversions

Conversions Part 1

Format	Color
Hex	7B683F
RGB	123, 104, 63
RGB Percent	48%, 41%, 25%
CMY	0.5176, 0.5922, 0.7529
CMYK	0.00, 0.15, 0.49, 0.52
HSL	41°, 32%, 36%
HSV	41°, 49%, 48%
XYZ	14.0159, 14.4705, 6.7570
YIQ	105.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

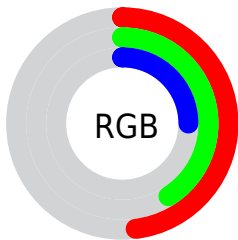
Format	Color
RYB	91, 123, 63
Decimal	8087615
CIELab	44.90, 1.66, 25.82
CIElCh	45, 25.871, 86.327
Yxy	14.4705, 0.3977, 0.4106
Android (android.graphics.Color)	4286277695 (0xFF7B683F)
YUV	105.0070, -20.7095, 15.7799
Hunter-Lab	38.0401, -0.8016, 16.0965

Details

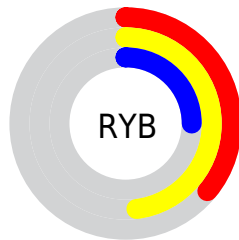
The YUV color **105.0070, -20.7095, 15.7799** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.9930, 20.7095, -15.7799**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5620, -22.4621, 17.9241**, and **57.1530, -18.8094, 13.0208** is the 20% darker color. If you saturate the color by 10%, you get **101.2910, -24.7935, 19.0388**, and if you desaturate by 10%, it is **108.7230, -16.6254, 12.5209**.

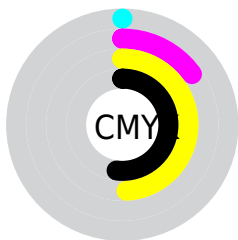
Distribution



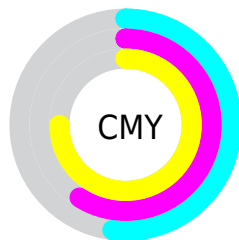
- Red (48%)
- Green (41%)
- Blue (25%)



- Red (36%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0070, -20.7095, 15.7799 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 105.0070, -20.7095, 15.7799 by changing the saturation by 10% instead.

■ 105.0070,
-20.7095, 15.7799

■ 105.0070,
-20.7095, 15.7799

■ 255.0000, 0.0000,
0.0000

■ 80.5230, -19.9778,
14.4503

■ 156.5620,
-22.4621, 17.9241

■ 57.1530, -18.8094,
13.0208

■ 183.7470,
-23.0463, 18.6389

■ 36.0820, -17.7884,
12.2061

■ 211.0460,
-23.1937, 19.2537

■ 16.2800, -8.0260,
7.6474

■ 237.7250,
-23.0354, 15.1502

■ 0.0000, 0.0000,
0.0000

■ 250.8960,
-15.7247, 3.5992

■ 254.0880, -3.4944,

0.7998

■ 105.0070,
-20.7095, 15.7799

■ 105.0070,
-20.7095, 15.7799

■ 101.2910,
-24.7935, 19.0388

■ 108.7230,
-16.6254, 12.5209

■ 97.4610, -29.3143,
22.3977

■ 112.5530,
-12.1046, 9.1620

■ 93.7450, -33.3983,
25.6566

■ 116.2690, -8.0206,
5.9031

■ 90.0290, -37.4823,
28.9156

■ 119.9850, -3.9366,
2.6442

■ 86.9000, -41.8557,
31.6597

■ 123.2280, 0.8736,
-0.2000

■ 86.0850, -42.4399,
32.3745

■ 126.9440, 4.9576,
-3.4589

■ 130.6600, 9.0416,
-6.7178

■ 134.3760, 13.1256,
-9.9768

■ 138.2060, 17.6464,
-13.3357

Harmonies

Analogous

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



106.8930, -17.6952, 29.0348



105.0070, -20.7095, 15.7799



102.9940, -17.7450, -1.7487

Triad

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



105.0070, -20.7095, 15.7799



89.5070, 17.4980, -59.2036



109.1670, 10.2707, 19.1475

Complementary

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



105.0070, -20.7095, 15.7799



80.9930, 20.7095, -15.7799

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.



107.7990, 18.3401, -2.4547



105.0070, -20.7095, 15.7799



94.0440, 23.1493, -51.7816

Square

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



105.0070, -20.7095, 15.7799



95.3600, 3.7665, -41.5347



102.1980, 23.0734, -27.3606



109.0240, 0.4812, 32.4280

Rectangle

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



105.0070, -20.7095, 15.7799



100.6980, -12.1761, -14.6441



102.1980, 23.0734, -27.3606



108.6330, 13.4919, 12.5999

Sweetspot

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



105.0070, -20.7095, 15.7799



153.5680, -8.1680, 6.5179



83.1060, -0.5453, 34.9870



77.3550, -5.1050, 4.0737



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



105.0070, -20.7095, 15.7799



132.5600, -32.8141, 24.9419



112.8710, -24.5864, -0.7639



59.1420, -2.0420, 1.6295



87.2700, -43.0241, 33.0892



176.8990, -87.2112, 65.8636

Inverse Universe

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



80.9930, 20.7095, -15.7799



94.4400, 32.8141, -24.9419



73.1290, 24.5864, 0.7639



56.8580, 2.0420, -1.6295



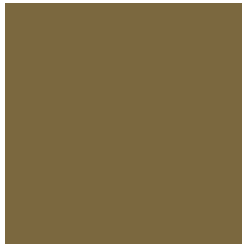
37.7300, 43.0241, -33.0892



75.6880, 86.9218, -66.3784

Previews

White Background



This preview shows how the YUV color 105.0070, -20.7095, 15.7799 looks on a white 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

Black Background



This preview shows how the YUV color 105.0070, -20.7095, 15.7799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

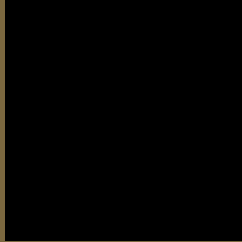
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.0070, -20.7095, 15.7799

Background



This preview shows how black text looks on a background with the YUV color 105.0070, -20.7095, 15.7799.



This preview shows how white text looks on a background with the YUV color 105.0070, -20.7095, 15.7799.

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

105.0070, -20.7095, 15.7799

Protanopia

104.2020, -19.8196, 10.3468

Deuteranopia

105.7410, -20.5783, 20.3981



Tritanopia

108.1700, -1.0698, 16.5139

Trichromacy



Original Color

105.0070, -20.7095, 15.7799

Protanomaly

104.5120, -19.9724, 12.7060

Deuteranomaly

105.7300, -20.5729, 18.6538

Tritanomaly

107.2210, -8.4900, 16.4692

Monochromacy



Original Color

105.0070, -20.7095, 15.7799

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0070, -20.7095, 15.7799 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(123, 104, 63)` looks like.

```
.text, #text, p{  
    color:rgb(123, 104, 63)  
}
```

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(123, 104, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 104, 63) }
```

Border

The CSS property to change the border of an element to YUV 105.0070, -20.7095, 15.7799 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(123, 104, 63) }
```


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

```
.border{ border-color:rgb(123, 104, 63) }
```

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

Here you see how a box with a 4 pixel rgb(123, 104, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 104, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 104, 63);  
box-shadow:4px 4px 4px 4px rgb(123, 104,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 105.0070, -20.7095, 15.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 104, 63) }
```

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

```
.background{ background-color: rgb(123,  
104, 63) }
```

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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