

Converting Colors

YUV(127.6060, 34.7042,
22.2705)

Have a look what the booklet for
YUV(127.6060, 34.7042, 22.2705)
contains.

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Color

**YUV(127.6060, 34.7042,
22.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	9965C6
RGB	153, 101, 198
RGB Percent	60%, 40%, 78%
CMY	0.4000, 0.6039, 0.2235
CMYK	0.23, 0.49, 0.00, 0.22
HSL	272°, 46%, 59%
HSV	272°, 49%, 78%
XYZ	27.9836, 20.1569, 55.8419
YIQ	127.6060, -0.1450, 41.1910

Conversions

Conversions Part 2

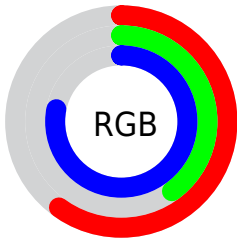
Format	Color
R _Y B	153, 101, 198
Decimal	10053062
CIE Lab	52.01, 39.46, -42.82
CIE LCh	52, 58.234, 312.661
Yxy	20.1569, 0.2691, 0.1938
Android (android.graphics.Color)	4288243142 (0xFF9965C6)
YUV	127.6060, 34.7042, 22.2705
Hunter-Lab	44.8964, 32.6890, -42.3170

Details

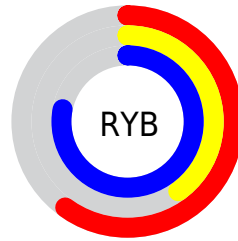
The YUV color **127.6060, 34.7042, 22.2705** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **171.3940, -34.7042, -22.2705**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3720, 36.2986, 24.2298**, and **76.5410, 33.2573, 19.6965** is the 20% darker color. If you saturate the color by 10%, you get **113.1750, 41.8187, 27.0335**, and if you desaturate by 10%, it is **142.0370, 27.5898, 17.5076**.

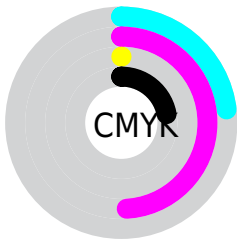
Distribution



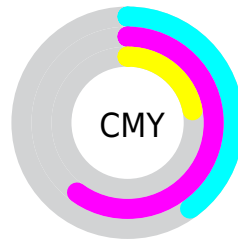
- Red (60%)
- Green (40%)
- Blue (78%)



- Red (60%)
- Yellow (40%)
- Blue (78%)



- Cyan (23%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6060, 34.7042, 22.2705 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 127.6060, 34.7042, 22.2705 by changing the saturation by 10% instead.

■ 127.6060, 34.7042,
22.2705

■ 127.6060, 34.7042,
22.2705

■ 255.0000, 0.0000,
0.0000

■ 101.6660, 33.6887,
21.3409

■ 181.3720, 36.2986,
24.2298

■ 76.5410, 33.2573,
19.6965

■ 205.8920, 24.2102,
28.1587

■ 51.6010, 32.2417,
18.7669

■ 227.4110, 13.6014,
24.1956

■ 25.1280, 32.9679,
19.1817

■ 244.4340, 5.2090,
9.2664

■ 14.6290, 26.3119,
7.3414

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 127.6060, 34.7042,
22.2705

■ 127.6060, 34.7042,
22.2705

■ 113.1750, 41.8187,
27.0335

■ 142.0370, 27.5898,
17.5076

■ 98.7440, 48.9332,
31.7965

■ 156.4680, 20.4753,
12.7446

■ 84.6010, 55.9057,
35.4299

■ 170.6110, 13.5028,
9.1112

■ 70.1700, 63.0202,
40.1929

■ 185.0420, 6.3883,
4.3482

■ 55.7390, 70.1347,
44.9559

■ 199.4730, -0.7262,
-0.4148

■ 54.2660, 70.8609,
45.3707

■ 213.9040, -7.8407,
-5.1778

■ 228.3350,
-14.9552, -9.9408

■ 239.8310,
-20.6227, -12.1298

■ 242.8210,
-22.0968, -5.9820

Harmonies

Analogous

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



113.9540, 53.2667, -51.7027



127.6060, 34.7042, 22.2705



124.1310, 15.2184, 65.6601

Triad

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



127.6060, 34.7042, 22.2705



118.4090, -50.4876, 46.9993



102.7050, 20.3584, -90.0723

Complementary

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



127.6060, 34.7042, 22.2705



171.3940, -34.7042, -22.2705

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.



95.6030, -1.7763, -83.8438



127.6060, 34.7042, 22.2705



113.7070, -56.0576, 13.4120

Square

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



127.6060, 34.7042, 22.2705



119.8400, -30.4871, 72.0543



108.1370, -31.6195, -31.6921



106.8890, 41.4667, -93.7417

Rectangle

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



127.6060, 34.7042, 22.2705



120.1470, 0.9135, 80.5551



108.1370, -31.6195, -31.6921



100.7670, 12.9329, -88.3727

Sweetspot

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



127.6060, 34.7042, 22.2705



227.3120, 13.6502, 8.4964



138.4730, 29.3468, -32.8638



111.2100, 8.2775, 5.0778



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.



127.6060, 34.7042, 22.2705



146.0200, 53.7271, 34.1855



140.7190, 26.7605, 50.2354



92.5210, 3.1941, 2.1741



44.5950, 58.3737, 37.1892



9.7850, 12.9240, 8.0816

Inverse Universe

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



135.1330, 5.3574, 55.1344



157.7160, 8.0280, 85.3181



158.2810, -26.7605, -50.2354



93.1470, 0.4205, 5.1331



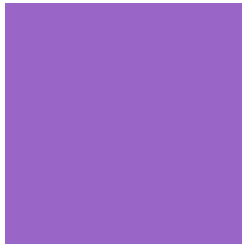
57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 127.6060, 34.7042, 22.2705 looks on a white background.

Color Contrast Check

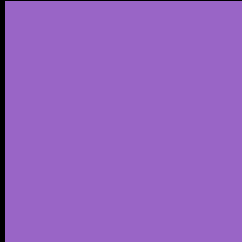
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6060, 34.7042, 22.2705 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 127.6060, 34.7042, 22.2705

Background



This preview shows how black text looks on a background with the YUV color 127.6060, 34.7042, 22.2705.



This preview shows how white text looks on a background with the YUV color 127.6060, 34.7042, 22.2705.

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

127.6060, 34.7042, 22.2705

Protanopia

119.9840, 47.8289, -34.1890

Deuteranopia

121.1020, 35.4457, -29.0305



Tritanopia

125.9030, 0.5408, 13.2401

Trichromacy



Original Color

127.6060, 34.7042, 22.2705

Protanomaly

122.8510, 42.9645, -13.9013

Deuteranomaly

123.8100, 35.0967, -10.3574

Tritanomaly

126.5410, 13.0443, 16.1885

Monochromacy



Original Color

127.6060, 34.7042, 22.2705

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6710, 12.4872, 8.1815

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6060, 34.7042, 22.2705 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(153, 101, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 101, 198)  
}
```

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(153, 101, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 101, 198) }
```

Border

The CSS property to change the border of an element to YUV 127.6060, 34.7042, 22.2705 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(153, 101, 198) }
```


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

```
.border{ border-color:rgb(153, 101, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 101, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 101, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 101, 198);  
box-shadow:4px 4px 4px 4px rgb(153, 101,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 127.6060, 34.7042, 22.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 101, 198) }
```

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

```
.background{ background-color: rgb(153,  
101, 198) }
```

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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