

Converting Colors

YUV(100.9680, 55.7248, 0.0281)

Have a look what the booklet for
YUV(100.9680, 55.7248, 0.0281)
contains.

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Color

**YUV(100.9680, 55.7248,
0.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	654FD6
RGB	101, 79, 214
RGB Percent	40%, 31%, 84%
CMY	0.6039, 0.6902, 0.1608
CMYK	0.53, 0.63, 0.00, 0.16
HSL	250°, 62%, 57%
HSV	250°, 63%, 84%
XYZ	20.3004, 13.2137, 65.0989
YIQ	100.9680, -30.2230, 46.6490

Conversions

Conversions Part 2

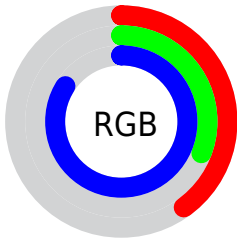
Format	Color
R_{YB}	101, 79, 214
Decimal	6639574
CIE _{Lab}	43.08, 44.21, -66.62
CIE _{LCh}	43, 79.952, 303.567
Yxy	13.2137, 0.2059, 0.1340
Android (android.graphics.Color)	4284829654 (0xFF654FD6)
YUV	100.9680, 55.7248, 0.0281
Hunter-Lab	36.3507, 36.0715, -80.7345

Details

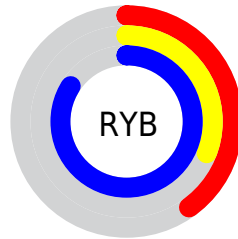
The YUV color **100.9680, 55.7248, 0.0281** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted purple. A complement of this color would be **192.0320, -55.7248, -0.0281**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6330, 50.4669, 6.4609**, and **46.6630, 54.8891, -11.9825** is the 20% darker color. If you saturate the color by 10%, you get **83.2590, 64.4553, -0.2271**, and if you desaturate by 10%, it is **118.6770, 46.9942, 0.2833**.

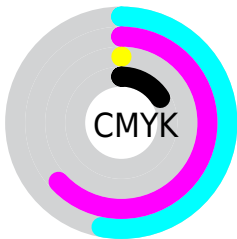
Distribution



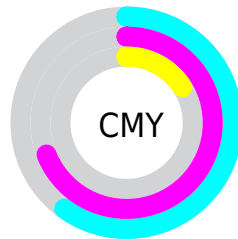
- Red (40%)
- Green (31%)
- Blue (84%)



- Red (40%)
- Yellow (31%)
- Blue (84%)



- Cyan (53%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9680, 55.7248, 0.0281 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 100.9680, 55.7248, 0.0281 by changing the saturation by 10% instead.

■ 100.9680, 55.7248,
0.0281

■ 100.9680, 55.7248,
0.0281

255.0000, 0.0000,
0.0000

■ 74.4190, 55.0094,
-3.8755

■ 152.6330, 50.4669,
6.4609

■ 46.6630, 54.8891,
-11.9825

■ 177.4520, 38.2312,
11.0046

■ 20.2170, 54.6160,
-17.7303

■ 202.2710, 25.9954,
15.5483

■ 11.9700, 45.8638,
-10.4977

■ 227.6770, 13.4702,
19.5773

■ 9.1200, 34.9438,
-7.9982

■ 245.6080, 4.6303,
8.2368

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 100.9680, 55.7248,
0.0281

■ 100.9680, 55.7248,
0.0281

■ 83.2590, 64.4553,
-0.2271

■ 118.6770, 46.9942,
0.2833

■ 64.9630, 73.4752,
0.0324

■ 136.9730, 37.9743,
0.0237

■ 47.2540, 82.2058,
-0.2228

■ 154.6820, 29.2438,
0.2789

■ 34.8610, 88.3155,
0.1219

■ 172.9780, 20.2238,
0.0193

■ 190.6870, 11.4933,
0.2745

■ 208.0970, 2.9102,
-0.0851

■ 226.3930, -6.1097,
-0.3447

■ 244.1020,
-14.8403, -0.0895

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



91.0010, 71.9775, -79.8079



100.9680, 55.7248, 0.0281



84.3380, 38.2874, 86.5266

Triad

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



100.9680, 55.7248, 0.0281



93.9690, -46.3267, 65.8022



87.4480, 10.1321, -76.6919

Complementary

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



100.9680, 55.7248, 0.0281



192.0320, -55.7248, -0.0281

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.



77.4790, -20.4491, -67.9491



100.9680, 55.7248, 0.0281



95.1560, -46.9119, 20.0342

Square

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



100.9680, 55.7248, 0.0281



73.4490, -20.4344, 114.4932



81.5360, -40.1972, -33.7961



94.9720, 38.9608, -83.2904

Rectangle

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



100.9680, 55.7248, 0.0281



75.4590, 21.4657, 115.3615



81.5360, -40.1972, -33.7961



84.2390, 0.3752, -73.8776

Sweetspot

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



100.9680, 55.7248, 0.0281



214.5650, 19.9345, -0.4955



161.8950, 25.6878, -72.6989



102.9150, 12.3669, 0.0745



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.



100.9680, 55.7248, 0.0281



92.6840, 80.0218, 0.2771



120.7020, 45.9959, 0.6033



97.8520, 4.5100, 0.1298



27.8660, 70.5651, 0.1175



6.9950, 17.7505, 0.0044

Inverse Universe

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



132.2470, 29.4582, 71.6974



137.4740, 42.1643, 103.0703



172.2980, -45.9959, -40.6033



100.3150, 2.3097, 5.8627



67.4310, 37.2555, 90.8300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 100.9680, 55.7248, 0.0281 looks on a white background.

Color Contrast Check

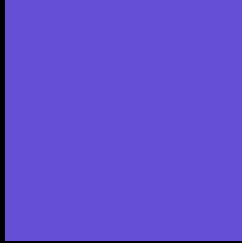
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9680, 55.7248, 0.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

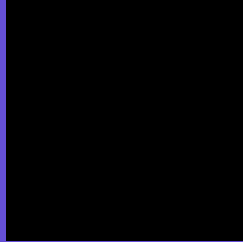
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.9680, 55.7248, 0.0281

Background



This preview shows how black text looks on a background with the YUV color 100.9680, 55.7248, 0.0281.



This preview shows how white text looks on a background with the YUV color 100.9680, 55.7248,

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

100.9680, 55.7248, 0.0281

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.4540, 48.0902, -71.4352



Tritanopia

97.2510, 9.2433, -24.7761

Trichromacy



Original Color

100.9680, 55.7248, 0.0281

Protanomaly

88.4200, 59.9389, -45.0953

Deuteranomaly

88.7160, 50.9190, -45.3549

Tritanomaly

98.4860, 26.3824, -15.3352

Monochromacy



Original Color

100.9680, 55.7248, 0.0281

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9780, 20.2238, 0.0193

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9680, 55.7248, 0.0281 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(101, 79, 214)` looks like.

```
.text, #text, p{  
    color:rgb(101, 79, 214)  
}
```

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(101, 79, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 79, 214) }
```

Border

The CSS property to change the border of an element to YUV 100.9680, 55.7248, 0.0281 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(101, 79, 214) }
```


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

```
.border{ border-color:rgb(101, 79, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 79, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 79, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 79, 214);  
box-shadow:4px 4px 4px 4px rgb(101, 79,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 100.9680, 55.7248, 0.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 79, 214) }
```

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

```
.background{ background-color: rgb(101, 79,  
214) }
```

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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