

Converting Colors

YUV(120.6400, 39.6175,
-13.7163)

Have a look what the booklet for
YUV(120.6400, 39.6175, -13.7163)
contains.

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Color

**YUV(120.6400, 39.6175,
-13.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	6971C9
RGB	105, 113, 201
RGB Percent	41%, 44%, 79%
CMY	0.5882, 0.5569, 0.2118
CMYK	0.48, 0.44, 0.00, 0.21
HSL	235°, 47%, 60%
HSV	235°, 48%, 79%
XYZ	22.2734, 19.0306, 57.7577
YIQ	120.6400, -33.0160, 25.6720

Conversions

Conversions Part 2

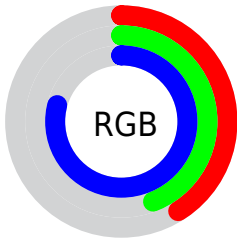
Format	Color
R _Y B	105, 112, 201
Decimal	6910409
CIE _{Lab}	50.72, 20.66, -46.86
CIE _{LCh}	51, 51.214, 293.795
Y _{xy}	19.0306, 0.2248, 0.1921
Android (android.graphics.Color)	4285100489 (0xFF6971C9)
Y _{UV}	120.6400, 39.6175, -13.7163
Hunter-Lab	43.6240, 14.7960, -47.9624

Details

The YUV color **120.6400, 39.6175, -13.7163** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **185.3600, -39.6175, 13.7163**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0640, 39.9014, -11.4571**, and **68.8520, 38.0340, -19.1642** is the 20% darker color. If you saturate the color by 10%, you get **104.0940, 47.7747, -16.7454**, and if you desaturate by 10%, it is **137.1860, 31.4603, -10.6871**.

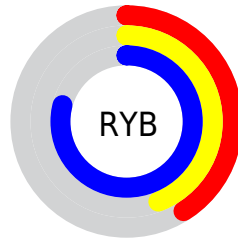
Distribution



Red (41%)

Green (44%)

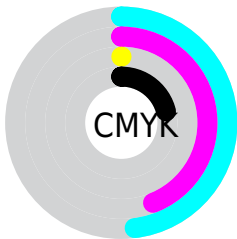
Blue (79%)



Red (41%)

Yellow (44%)

Blue (79%)

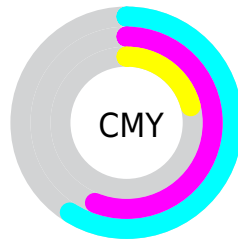


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (59%)

Magenta (56%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6400, 39.6175, -13.7163 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 120.6400, 39.6175, -13.7163 by changing the saturation by 10% instead.

■ 120.6400, 39.6175,
-13.7163

■ 120.6400, 39.6175,
-13.7163

■ 255.0000, 0.0000,
0.0000

■ 94.9880, 38.4599,
-15.7755

■ 174.0640, 39.9014,
-11.4571

■ 68.8520, 38.0340,
-19.1642

■ 198.2850, 27.9605,
-8.1429

■ 41.3020, 38.7981,
-30.9599

■ 223.3920, 15.5827,
-4.7288

■ 24.9180, 34.5504,
-21.8531

■ 248.7980, 3.0576,
-0.6998

■ 8.0940, 31.0127,
-7.0984

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 120.6400, 39.6175,
-13.7163

■ 120.6400, 39.6175,
-13.7163

■ 104.0940, 47.7747,
-16.7454

■ 137.1860, 31.4603,
-10.6871

■ 86.9610, 56.2212,
-19.2598

■ 154.3190, 23.0137,
-8.1728

■ 70.4150, 64.3784,
-22.2890

■ 170.8650, 14.8566,
-5.1436

■ 53.2820, 72.8250,
-24.8033

■ 187.9980, 6.4100,
-2.6292

■ 36.7360, 80.9822,
-27.8325

■ 204.8430, -1.8946,
1.0147

■ 32.8930, 82.8768,
-28.8472

■ 221.9760,
-10.3412, 3.5290

■ 238.5220,
-18.4983, 6.5582

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



98.8480, 53.8119, -86.6897



120.6400, 39.6175, -13.7163



124.2350, 24.0411, 35.7509

Triad

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



120.6400, 39.6175, -13.7163



117.9430, -33.4959, 57.0550



95.3070, 7.2436, -83.5842

Complementary

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



120.6400, 39.6175, -13.7163



185.3600, -39.6175, 13.7163

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.



103.4910, -18.4831, -45.1576



120.6400, 39.6175, -13.7163



115.5040, -44.6185, 31.1300

Square

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



120.6400, 39.6175, -13.7163



118.2540, -14.9152, 70.8142



112.3750, -39.1319, -2.0829



100.4370, 26.8996, -88.0832

Rectangle

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



120.6400, 39.6175, -13.7163



122.1640, 11.7511, 57.7382



112.3750, -39.1319, -2.0829



93.0100, 0.9811, -81.5698

Sweetspot

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



120.6400, 39.6175, -13.7163



224.8650, 14.8566, -5.1436



171.3840, 10.6567, -58.2188



109.6820, 9.0308, -3.2291



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.



120.6400, 39.6175, -13.7163



133.5740, 59.8630, -20.6744



127.9040, 36.0363, 14.9932



91.0260, 3.9312, -0.8998



26.8000, 67.1466, -23.5036



5.8650, 14.8566, -5.1436

Inverse Universe

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



134.6160, -10.6567, 58.2188



154.7230, -16.1324, 87.9429



178.0960, -36.0363, -14.9932



92.6910, -1.3267, 5.5330



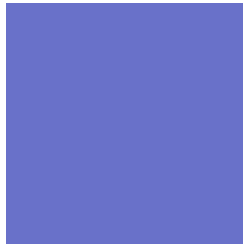
50.3330, -17.9122, 98.8090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 120.6400, 39.6175, -13.7163 looks on a white background.

Color Contrast Check

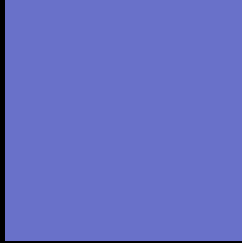
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6400, 39.6175, -13.7163 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 120.6400, 39.6175, -13.7163 Background



This preview shows how black text looks on a background with the YUV color 120.6400, 39.6175, -13.7163.



This preview shows how white text looks on a background with the YUV color 120.6400, 39.6175, -13.7163.

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

120.6400, 39.6175, -13.7163

Protanopia

117.4530, 43.1607, -30.2153

Deuteranopia

114.6430, 41.5880, -39.1519



Tritanopia

115.8810, 10.4117, -26.2056

Trichromacy



Original Color

120.6400, 39.6175, -13.7163

Protanomaly

118.5570, 42.1234, -24.1675

Deuteranomaly

116.8830, 40.9767, -29.7154

Tritanomaly

117.6610, 20.8731, -21.6277

Monochromacy



Original Color

120.6400, 39.6175, -13.7163

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7510, 14.4198, -5.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6400, 39.6175, -13.7163 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(105, 113, 201)` looks like.

```
.text, #text, p{  
    color:rgb(105, 113, 201)  
}
```

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(105, 113, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 113, 201) }
```

Border

The CSS property to change the border of an element to YUV 120.6400, 39.6175, -13.7163 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(105, 113, 201) }
```


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

```
.border{ border-color:rgb(105, 113, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 113, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 113, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 113, 201);  
box-shadow:4px 4px 4px 4px rgb(105, 113,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 120.6400, 39.6175, -13.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 113, 201) }
```

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

```
.background{ background-color: rgb(105,  
113, 201) }
```

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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