

Converting Colors

YUV(112.8780, 41.9651,
-20.0640)

Have a look what the booklet for
YUV(112.8780, 41.9651, -20.0640)
contains.

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Color

**YUV(112.8780, 41.9651,
-20.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6CC6
RGB	90, 108, 198
RGB Percent	35%, 42%, 78%
CMY	0.6471, 0.5765, 0.2235
CMYK	0.55, 0.45, 0.00, 0.22
HSL	230°, 49%, 56%
HSV	230°, 55%, 78%
XYZ	19.7721, 16.9760, 55.6607
YIQ	112.8780, -39.6180, 24.1740

Conversions

Conversions Part 2

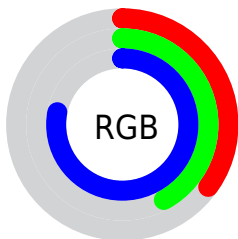
Format	Color
R_{YB}	90, 105, 198
Decimal	5926086
CIE _{Lab}	48.23, 19.41, -49.18
CIE _{LCh}	48, 52.867, 291.538
Yxy	16.9760, 0.2140, 0.1837
Android (android.graphics.Color)	4284116166 (0xFF5A6CC6)
YUV	112.8780, 41.9651, -20.0640
Hunter-Lab	41.2019, 13.5555, -51.2549

Details

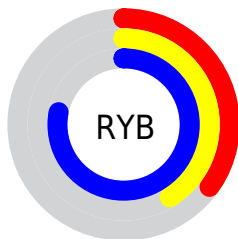
The YUV color **112.8780, 41.9651, -20.0640** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **175.1220, -41.9651, 20.0640**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3560, 43.7015, -16.9752**, and **59.2850, 41.2715, -30.9449** is the 20% darker color. If you saturate the color by 10%, you get **97.5060, 49.5435, -24.1228**, and if you desaturate by 10%, it is **128.8370, 34.0974, -16.5200**.

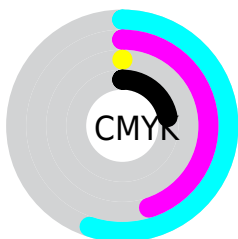
Distribution



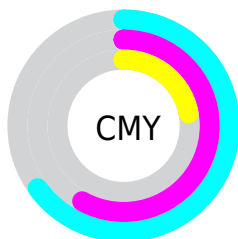
- Red (35%)
- Green (42%)
- Blue (78%)



- Red (35%)
- Yellow (41%)
- Blue (78%)



- Cyan (55%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8780, 41.9651, -20.0640 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 112.8780, 41.9651, -20.0640 by changing the saturation by 10% instead.

■ 112.8780, 41.9651,
-20.0640

■ 112.8780, 41.9651,
-20.0640

■ 255.0000, 0.0000,
0.0000

■ 86.6280, 41.1024,
-23.3528

■ 166.3560, 43.7015,
-16.9752

■ 59.2850, 41.2715,
-30.9449

■ 190.8760, 31.6131,
-13.0463

■ 36.8180, 39.5297,
-32.2894

■ 215.9830, 19.2354,
-9.6321

■ 22.8150, 34.1082,
-20.0088

■ 241.0900, 6.8576,
-6.2179

■ 7.7520, 29.7023,
-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 112.8780, 41.9651,
-20.0640

■ 112.8780, 41.9651,
-20.0640

■ 97.5060, 49.5435,
-24.1228

■ 128.8370, 34.0974,
-16.5200

■ 81.5470, 57.4113,
-27.6667

■ 144.2090, 26.5190,
-12.4613

■ 66.4740, 64.8423,
-31.1107

■ 159.8690, 18.7986,
-9.5321

■ 50.5150, 72.7101,
-34.6547

■ 175.2410, 11.2202,
-5.4734

■ 41.9430, 76.9361,
-36.7840

■ 191.2000, 3.3524,
-1.9294

■ 206.5720, -4.2260,
2.1294

■ 222.5310,
-12.0938, 5.6733

■ 237.6040,
-19.5248, 9.1173

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



95.3430, 53.0749, -83.6158



112.8780, 41.9651, -20.0640



117.7940, 26.2306, 33.5067

Triad

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



112.8780, 41.9651, -20.0640



111.4810, -32.7751, 59.2142



90.6450, 4.6120, -79.4957

Complementary

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



112.8780, 41.9651, -20.0640



175.1220, -41.9651, 20.0640

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.



96.6330, -20.5251, -43.5281



112.8780, 41.9651, -20.0640



108.8310, -47.2447, 33.4742

Square

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



112.8780, 41.9651, -20.0640



110.4330, -13.0315, 73.2883



105.3600, -43.0685, 0.5613



95.8890, 24.7047, -84.0947

Rectangle

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



112.8780, 41.9651, -20.0640



115.1470, 14.2245, 57.7531



105.3600, -43.0685, 0.5613



88.3480, -1.6506, -77.4812

Sweetspot

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



112.8780, 41.9651, -20.0640



222.7830, 15.8830, -7.7027



163.6560, 8.0576, -64.5963



108.1980, 9.7624, -4.5586



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.



112.8780, 41.9651, -20.0640



124.3600, 64.4055, -31.0107



113.0760, 41.8675, 11.3343



91.6130, 3.6418, -1.4146



34.4310, 63.3845, -30.1960



7.6260, 13.9884, -6.6880

Inverse Universe

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



124.3440, -8.0576, 64.5963



141.8260, -12.2392, 99.2536



174.9240, -41.8675, -11.3343



92.8050, -0.8899, 5.4330



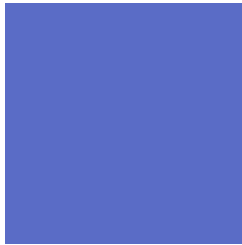
51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 112.8780, 41.9651, -20.0640 looks on a white background.

Color Contrast Check

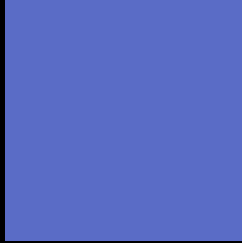
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8780, 41.9651, -20.0640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

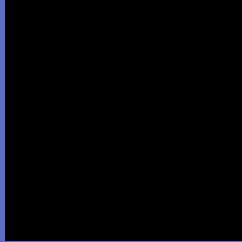
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8780, 41.9651, -20.0640

Background



This preview shows how black text looks on a background with the YUV color 112.8780, 41.9651, -20.0640.



This preview shows how white text looks on a background with the YUV color 112.8780, 41.9651, -20.0640.

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

112.8780, 41.9651, -20.0640

Protanopia

109.8980, 44.9133, -32.3595

Deuteranopia

105.0980, 44.8147, -47.4439



Tritanopia

107.0970, 12.7702, -36.0421

Trichromacy



Original Color

112.8780, 41.9651, -20.0640

Protanomaly

110.9910, 43.8814, -28.0561

Deuteranomaly

107.6370, 44.0560, -37.3926

Tritanomaly

109.5890, 23.3736, -30.3346

Monochromacy



Original Color

112.8780, 41.9651, -20.0640

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9680, 15.2988, -6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8780, 41.9651, -20.0640 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(90, 108, 198)` looks like.

```
.text, #text, p{  
    color:rgb(90, 108, 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(90, 108, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 108, 198) }
```

Border

The CSS property to change the border of an element to YUV 112.8780, 41.9651, -20.0640 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(90, 108, 198) }
```


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

```
.border{ border-color:rgb(90, 108, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 108, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 108, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 108, 198);  
box-shadow:4px 4px 4px 4px rgb(90, 108,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 112.8780, 41.9651, -20.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 108, 198) }
```

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

```
.background{ background-color: rgb(90, 108,  
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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