

Converting Colors

YUV(121.6300, 34.6924,
-20.7235)

Have a look what the booklet for
YUV(121.6300, 34.6924, -20.7235)
contains.

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Color

**YUV(121.6300, 34.6924,
-20.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	6278C0
RGB	98, 120, 192
RGB Percent	38%, 47%, 75%
CMY	0.6157, 0.5294, 0.2471
CMYK	0.49, 0.38, 0.00, 0.25
HSL	226°, 43%, 57%
HSV	226°, 49%, 75%
XYZ	21.2679, 19.8354, 52.5768
YIQ	121.6300, -36.2240, 17.7280

Conversions

Conversions Part 2

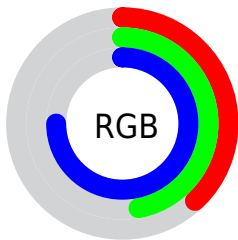
Format	Color
RYB	98, 116, 192
Decimal	6453440
CIELab	51.65, 11.95, -40.27
CIELCh	52, 42.005, 286.534
Yxy	19.8354, 0.2270, 0.2117
Android (android.graphics.Color)	4284643520 (0xFF6278C0)
YUV	121.6300, 34.6924, -20.7235
Hunter-Lab	44.5369, 7.3002, -38.8173

Details

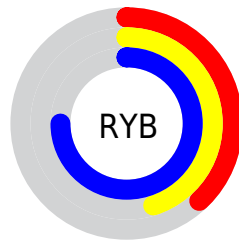
The YUV color **121.6300, 34.6924, -20.7235** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **168.3700, -34.6924, 20.7235**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0970, 36.4342, -19.3791**, and **70.2550, 33.3983, -25.6566** is the 20% darker color. If you saturate the color by 10%, you get **107.1440, 41.8340, -24.6823**, and if you desaturate by 10%, it is **136.1160, 27.5508, -16.7647**.

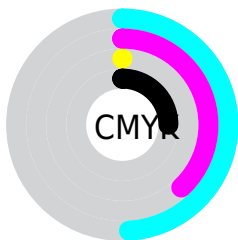
Distribution



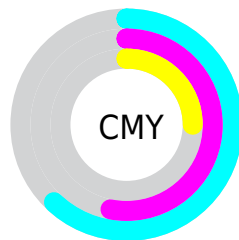
- Red (38%)
- Green (47%)
- Blue (75%)



- Red (38%)
- Yellow (45%)
- Blue (75%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6300, 34.6924, -20.7235 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 121.6300, 34.6924, -20.7235 by changing the saturation by 10% instead.

■ 121.6300, 34.6924,
-20.7235

■ 121.6300, 34.6924,
-20.7235

■ 255.0000, 0.0000,
0.0000

■ 95.5050, 34.2610,
-22.3679

■ 175.0970, 36.4342,
-19.3791

■ 70.2550, 33.3983,
-25.6566

■ 200.3010, 26.9666,
-16.0500

■ 42.1180, 34.4518,
-36.9375

■ 225.1090, 14.7363,
-13.2506

■ 27.5280, 29.3197,
-24.1421

■ 250.2160, 2.3585,
-9.8364

■ 9.0570, 27.0869,
-7.9430

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 121.6300, 34.6924,
-20.7235

■ 121.6300, 34.6924,
-20.7235

■ 107.1440, 41.8340,
-24.6823

■ 136.1160, 27.5508,
-16.7647

■ 93.2450, 48.6862,
-29.1559

■ 150.0150, 20.6986,
-12.2912

■ 78.4600, 55.9752,
-33.7294

■ 164.8000, 13.4096,
-7.7176

■ 63.9740, 63.1168,
-37.6882

■ 179.2860, 6.2680,
-3.7588

■ 49.4880, 70.2584,
-41.6470

■ 193.7720, -0.8736,
0.2000

■ 48.3030, 70.8426,
-42.3617

■ 207.6710, -7.7258,
4.6735

■ 222.1570,
-14.8674, 8.6323

■ 236.9420,
-22.1564, 13.2059

■ 246.0570,
-26.6501, 7.8430

Harmonies

Analogous

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



99.4860, 46.1024, -87.2492



121.6300, 34.6924, -20.7235



127.0930, 22.6322, 20.9664

Triad

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



121.6300, 34.6924, -20.7235



122.2010, -24.7491, 51.5667



95.0470, 4.9068, -80.7252

Complementary

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



121.6300, 34.6924, -20.7235



168.3700, -34.6924, 20.7235

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.



113.1560, -20.2899, -25.5698



121.6300, 34.6924, -20.7235



120.6750, -33.8568, 32.7340

Square

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



121.6300, 34.6924, -20.7235



123.3710, -9.0569, 58.4336



117.7380, -32.9018, 6.3688



98.9550, 21.2212, -86.7835

Rectangle

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



121.6300, 34.6924, -20.7235



126.2930, 12.6736, 41.8390



117.7380, -32.9018, 6.3688



105.6500, -6.2364, -53.1900

Sweetspot

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



121.6300, 34.6924, -20.7235



221.6150, 13.9938, -8.4324



161.2720, 3.8099, -55.4895



108.1440, 8.3100, -5.3883



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



121.6300, 34.6924, -20.7235



139.4170, 54.5174, -32.8147



115.8920, 37.5212, 5.3567



89.3140, 3.7892, -2.0294



40.6600, 59.3276, -35.6588



8.4580, 12.0992, -7.4177

Inverse Universe

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



128.6140, -4.2467, 55.5895



150.2420, -6.5283, 87.4878



174.4070, -37.6687, -4.7419



90.2180, -0.6005, 5.9478



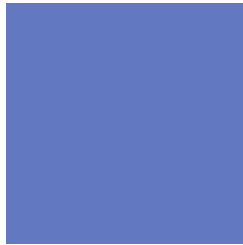
52.4710, -7.1342, 95.1799



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 121.6300, 34.6924, -20.7235 looks on a white background.

Color Contrast Check

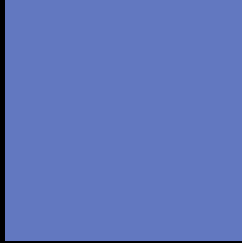
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6300, 34.6924, -20.7235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

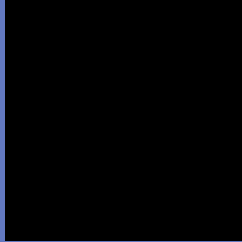
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6300, 34.6924, -20.7235

Background



This preview shows how black text looks on a background with the YUV color 121.6300, 34.6924, -20.7235.

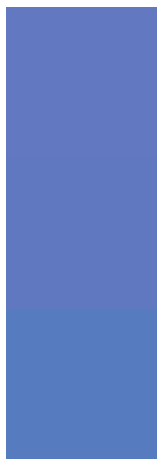


This preview shows how white text looks on a background with the YUV color 121.6300, 34.6924, -20.7235.

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

121.6300, 34.6924, -20.7235

Protanopia

121.0320, 34.9872, -21.9531

Deuteranopia

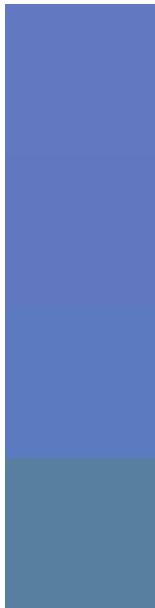
119.9880, 35.0089, -28.9305



Tritanopia

117.4890, 11.5909, -31.1239

Trichromacy



Original Color

121.6300, 34.6924, -20.7235

Protanomaly

121.3310, 34.8398, -21.3383

Deuteranomaly

120.5970, 34.7087, -25.9566

Tritanomaly

119.1010, 20.1632, -27.2756

Monochromacy



Original Color

121.6300, 34.6924, -20.7235

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.5720, 12.5360, -7.5176

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6300, 34.6924, -20.7235 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(98, 120, 192)` looks like.

```
.text, #text, p{  
    color:rgb(98, 120, 192)  
}
```

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(98, 120, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 120, 192) }
```

Border

The CSS property to change the border of an element to YUV 121.6300, 34.6924, -20.7235 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(98, 120, 192) }
```


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

```
.border{ border-color:rgb(98, 120, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 120, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 120, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 120, 192);  
box-shadow:4px 4px 4px 4px rgb(98, 120,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 121.6300, 34.6924, -20.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 120, 192) }
```

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

```
.background{ background-color: rgb(98, 120,  
192) }
```

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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