

Converting Colors

YUV(66.9620, 71.5037,
-21.0147)

Have a look what the booklet for
YUV(66.9620, 71.5037, -21.0147)
contains.

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Color

**YUV(66.9620, 71.5037,
-21.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	2B33D4
RGB	43, 51, 212
RGB Percent	17%, 20%, 83%
CMY	0.8314, 0.8000, 0.1686
CMYK	0.80, 0.76, 0.00, 0.17
HSL	237°, 66%, 50%
HSV	237°, 80%, 83%
XYZ	14.0638, 7.6347, 63.0198
YIQ	66.9620, -56.4490, 48.3750

Conversions

Conversions Part 2

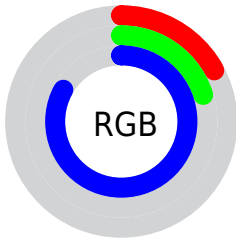
Format	Color
R_{YB}	43, 51, 212
Decimal	2831316
CIE _{Lab}	33.21, 52.35, -81.83
CIE _{LCh}	33, 97.139, 302.607
Yxy	7.6347, 0.1660, 0.0901
Android (android.graphics.Color)	4281021396 (0xFF2B33D4)
YUV	66.9620, 71.5037, -21.0147
Hunter-Lab	27.6310, 42.4996, -115.8848

Details

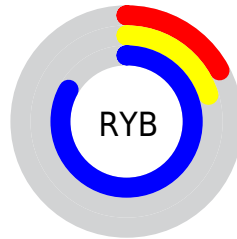
The YUV color **66.9620, 71.5037, -21.0147** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **188.0380, -71.5037, 21.0147**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3510, 64.9030, -3.8158**, and **20.1320, 66.9829, -17.6558** is the 20% darker color. If you saturate the color by 10%, you get **48.9430, 80.3871, -23.6290**, and if you desaturate by 10%, it is **84.9810, 62.6204, -18.4003**.

Distribution



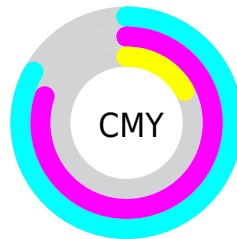
- Red (17%)
- Green (20%)
- Blue (83%)



- Red (17%)
- Yellow (20%)
- Blue (83%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (80%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9620, 71.5037, -21.0147 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 66.9620, 71.5037, -21.0147 by changing the saturation by 10% instead.

■ 66.9620, 71.5037,
-21.0147

■ 66.9620, 71.5037,
-21.0147

255.0000, 0.0000,
0.0000

■ 37.4120, 72.2679,
-32.8103

■ 123.3510, 64.9030,
-3.8158

■ 20.1320, 66.9829,
-17.6558

■ 147.5940, 52.9512,
2.9871

■ 14.7060, 56.3469,
-12.8972

■ 172.7120, 40.5680,
8.1456

■ 11.7420, 44.9902,
-10.2977

■ 197.8300, 28.1848,
13.3041

■ 14.6480, 30.7395,
-12.8463

■ 223.5350, 15.5122,
17.9478

■ 9.0910, 22.1401,
-7.9728

■ 243.2600, 5.7878,

■ 4.7080, 12.9620,

10.2960

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 66.9620, 71.5037,
-21.0147

■ 66.9620, 71.5037,
-21.0147

■ 48.9430, 80.3871,
-23.6290

■ 84.9810, 62.6204,
-18.4003

■ 30.9240, 89.2705,
-26.2433

■ 103.0000, 53.7370,
-15.7860

■ 30.0380, 89.7073,
-26.3433

■ 121.9050, 44.4168,
-13.0717

■ 139.9240, 35.5335,
-10.4573

■ 157.9430, 26.6501,
-7.8430

■ 175.9620, 17.7667,
-5.2287

■ 193.9810, 8.8834,
-2.6143

■ 212.8860, -0.4368,
0.1000

■ 230.9050, -9.3202,
2.7143

Harmonies

Analogous

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



79.9620, 77.9127, -70.1267



66.9620, 71.5037, -21.0147



67.4460, 41.1921, 88.1859

Triad

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



66.9620, 71.5037, -21.0147



66.2700, -32.6711, 72.5542



69.9230, 6.4470, -61.3225

Complementary

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



66.9620, 71.5037, -21.0147



188.0380, -71.5037, 21.0147

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.



59.2870, -29.2285, -51.9947



66.9620, 71.5037, -21.0147



73.2830, -36.1285, 14.6608

Square

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



66.9620, 71.5037, -21.0147



56.5110, -27.8599, 116.1929



55.1780, -27.2028, -48.3911



79.9890, 39.9384, -70.1504

Rectangle

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



66.9620, 71.5037, -21.0147



69.8190, 15.3722, 109.7837



55.1780, -27.2028, -48.3911



66.2580, -5.0572, -58.1083

Sweetspot

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



66.9620, 71.5037, -21.0147



202.7150, 25.7765, -7.6431



160.5570, 21.4174, -103.0975



95.8050, 15.8721, -4.2140



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.



66.9620, 71.5037, -21.0147



44.9740, 103.5428, -30.6722



84.9900, 62.6159, 29.8268



97.8410, 4.5154, -1.6146



24.1900, 72.3773, -21.2146



6.0760, 18.2035, -5.3287

Inverse Universe

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



94.4430, -21.4174, 103.0975



84.6230, -30.8731, 149.4206



170.0100, -62.6159, -29.8268



99.4030, -1.1847, 6.6626



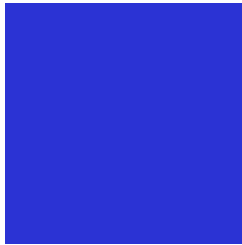
52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 66.9620, 71.5037, -21.0147 looks on a white background.

Color Contrast Check

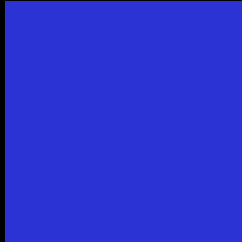
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 66.9620, 71.5037, -21.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

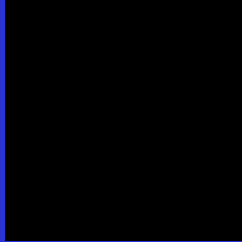
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9620, 71.5037, -21.0147

Background



This preview shows how black text looks on a background with the YUV color 66.9620, 71.5037, -21.0147.



This preview shows how white text looks on a background with the YUV color 66.9620, 71.5037, -21.0147.

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

66.9620, 71.5037, -21.0147

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810



Tritanopia

60.8560, 14.8610, -53.3707

Trichromacy



Original Color

66.9620, 71.5037, -21.0147

Protanomaly

63.8180, 56.2917, -41.9364

Deuteranomaly

63.7550, 48.4348, -41.8811

Tritanomaly

63.0250, 35.4837, -41.2409

Monochromacy



Original Color

66.9620, 71.5037, -21.0147

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8290, 26.2133, -7.7430

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9620, 71.5037, -21.0147 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(43, 51, 212)` looks like.

```
.text, #text, p{  
    color:rgb(43, 51, 212)  
}
```

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(43, 51, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 51, 212) }
```

Border

The CSS property to change the border of an element to YUV 66.9620, 71.5037, -21.0147 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(43, 51, 212) }
```


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

```
.border{ border-color:rgb(43, 51, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 51, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 51, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 51, 212);  
box-shadow:4px 4px 4px 4px rgb(43, 51,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 66.9620, 71.5037, -21.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 51, 212) }
```

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

```
.background{ background-color: rgb(43, 51,  
212) }
```

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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