

Converting Colors

YUV(21.2150, 30.9530, 12.0894)

Have a look what the booklet for
YUV(21.2150, 30.9530, 12.0894)
contains.

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Color

**YUV(21.2150, 30.9530,
12.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	230254
RGB	35, 2, 84
RGB Percent	14%, 1%, 33%
CMY	0.8627, 0.9922, 0.6706
CMYK	0.58, 0.98, 0.00, 0.67
HSL	264°, 95%, 17%
HSV	264°, 98%, 33%
XYZ	2.3151, 1.0408, 8.4664
YIQ	21.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

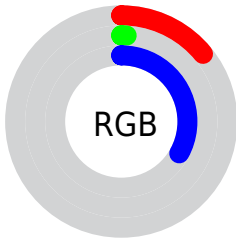
Format	Color
RYB	35, 2, 84
Decimal	2294356
CIELab	9.33, 35.77, -41.70
CIElCh	9, 54.936, 310.624
Yxy	1.0408, 0.1958, 0.0880
Android (android.graphics.Color)	4280484436 (0xFF230254)
YUV	21.2150, 30.9530, 12.0894
Hunter-Lab	10.2021, 22.6517, -42.0612

Details

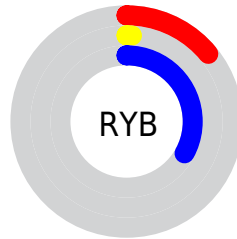
The YUV color **21.2150, 30.9530, 12.0894** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64.7850, -30.9530, -12.0894**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1660, 31.9632, 14.7634**, and **5.5060, 16.0195, -4.8288** is the 20% darker color. If you saturate the color by 10%, you get **19.7420, 31.6792, 12.5043**, and if you desaturate by 10%, it is **27.4060, 27.9008, 11.0449**.

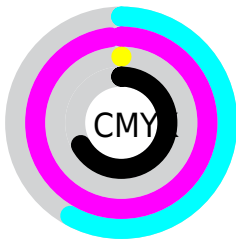
Distribution



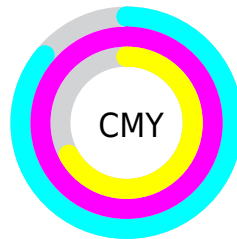
- Red (14%)
- Green (1%)
- Blue (33%)



- Red (14%)
- Yellow (1%)
- Blue (33%)



- Cyan (58%)
- Magenta (98%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2150, 30.9530, 12.0894 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 21.2150, 30.9530, 12.0894 by changing the saturation by 10% instead.

■ 21.2150, 30.9530,
12.0894

■ 21.2150, 30.9530,
12.0894

■ 241.4990, 6.6560,
11.8404

■ 11.1400, 24.5810,
2.5082

■ 70.1660, 31.9632,
14.7634

■ 5.5060, 16.0195,
-4.8288

■ 94.9920, 32.5419,
15.7930

■ 2.1830, 5.8258,
-1.9145

■ 120.3450, 33.8469,
17.2374


■ 0.0000, 0.0000,
0.0000


■ 147.1710, 34.4257,
18.2670


■ 173.9970, 35.0045,
19.2966


■ 199.3580, 27.4315,


21.6110


 224.7640, 14.9063,
25.6400


 21.2150, 30.9530,
12.0894


 21.2150, 30.9530,
12.0894


 19.7420, 31.6792,
12.5043

 27.4060, 27.9008,
11.0449

 34.1840, 24.5593,
9.4856

 40.3750, 21.5071,
8.4411

 47.1530, 18.1656,
6.8818

 53.3440, 15.1134,
5.8373

■ 59.5350, 12.0612,
4.7928

■ 66.3130, 8.7197,
3.2335

■ 72.5040, 5.6675,
2.1890

■ 79.2820, 2.3260,
0.6297

Harmonies

Analogous

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



28.6510, 36.1611, -25.1269



21.2150, 30.9530, 12.0894



28.3530, 11.6580, 40.9094

Triad

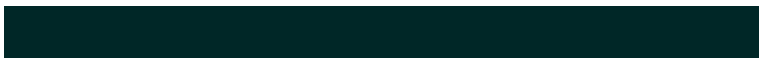
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.2150, 30.9530, 12.0894



23.7660, -11.7166, 24.7612



27.3390, 5.7489, -23.9763

Complementary

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



21.2150, 30.9530, 12.0894



64.7850, -30.9530, -12.0894

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.



22.3060, -10.9969, -19.5624



21.2150, 30.9530, 12.0894



23.6010, -11.6353, -1.4041

Square

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



21.2150, 30.9530, 12.0894



22.1260, -10.9081, 45.4935



21.7190, -10.7075, -19.0476



32.6170, 20.8948, -28.6051

Rectangle

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



21.2150, 30.9530, 12.0894



27.8950, -0.4412, 48.3271



21.7190, -10.7075, -19.0476



25.8570, 0.0705, -22.6766

Sweetspot

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



21.2150, 30.9530, 12.0894



85.5350, 12.0612, 4.7928



40.1110, 21.6373, -33.4233



40.6720, 7.5567, 2.9187



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



21.2150, 30.9530, 12.0894



25.6960, 41.5619, 16.0526



33.4740, 24.9093, 37.2953



37.7550, 1.5998, 0.2149



24.5280, 39.6727, 15.3229



54.2550, 87.6283, 33.9794

Inverse Universe

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



32.1040, 9.3157, 45.5128



40.4140, 12.6139, 61.0269



52.5260, -24.9093, -37.2953



38.4240, 0.2840, 2.2592



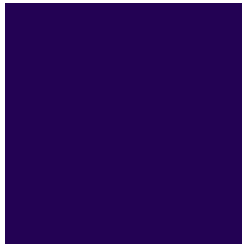
38.4630, 11.6037, 58.3529



85.2140, 26.5165, 128.7313

Previews

White Background



This preview shows how the YUV color 21.2150, 30.9530, 12.0894 looks on a white background.

Color Contrast Check

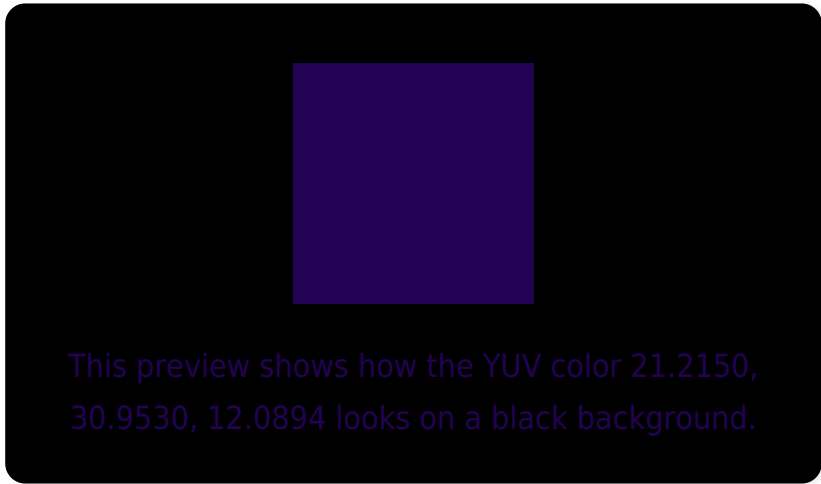
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

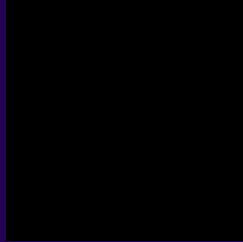
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.2150, 30.9530, 12.0894

Background



This preview shows how black text looks on a background with the YUV color 21.2150, 30.9530, 12.0894.



This preview shows how white text looks on a background with the YUV color 21.2150, 30.9530,

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

21.2150, 30.9530, 12.0894

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

24.1250, 13.7424, -21.1576



Tritanopia

27.8460, 3.5269, -11.2659

Trichromacy



Original Color

21.2150, 30.9530, 12.0894

Protanomaly

22.9060, 22.7243, -8.6876

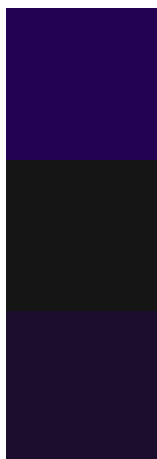
Deuteranomaly

22.9230, 20.2510, -8.7025

Tritanomaly

25.5340, 13.5407, -3.0993

Monochromacy



Original Color

21.2150, 30.9530, 12.0894

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.0080, 11.3351, 4.3780

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2150, 30.9530, 12.0894 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(35, 2, 84)` looks like.

```
.text, #text, p{  
  color:rgb(35, 2, 84)  
}
```

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(35, 2, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 2, 84) }
```

Border

The CSS property to change the border of an element to YUV 21.2150, 30.9530, 12.0894 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(35, 2, 84) }
```


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

```
.border{ border-color:rgb(35, 2, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 2, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 2, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 2, 84); box-shadow:4px  
4px 4px 4px rgb(35, 2, 84) }
```

Background

The CSS property to change the background color of an element to YUV 21.2150, 30.9530, 12.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 2, 84) }
```

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

```
.background{ background-color: rgb(35, 2,  
84) }
```

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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