

Converting Colors

YUV(30.5440, 35.2278, -5.7391)

Have a look what the booklet for
YUV(30.5440, 35.2278, -5.7391)
contains.

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Color

**YUV(30.5440, 35.2278,
-5.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	181466
RGB	24, 20, 102
RGB Percent	9%, 8%, 40%
CMY	0.9059, 0.9216, 0.6000
CMYK	0.76, 0.80, 0.00, 0.60
HSL	243°, 67%, 24%
HSV	243°, 80%, 40%
XYZ	3.0251, 1.6538, 12.7301
YIQ	30.5440, -23.9380, 26.3500

Conversions

Conversions Part 2

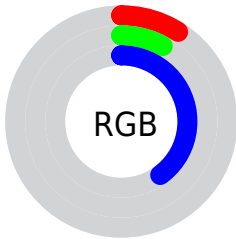
Format	Color
R_{YB}	24, 20, 102
Decimal	1578086
CIE _{Lab}	13.55, 31.07, -46.84
CIE _{LCh}	14, 56.206, 303.553
Yxy	1.6538, 0.1738, 0.0950
Android (android.graphics.Color)	4279768166 (0xFF181466)
YUV	30.5440, 35.2278, -5.7391
Hunter-Lab	12.8601, 19.4841, -49.6890

Details

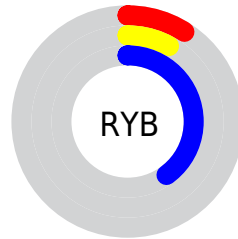
The YUV color **30.5440, 35.2278, -5.7391** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **91.4560, -35.2278, 5.7391**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.6420, 36.6585, 2.0680**, and **7.3300, 23.0083, -6.4284** is the 20% darker color. If you saturate the color by 10%, you get **21.6840, 39.5958, -6.7389**, and if you desaturate by 10%, it is **39.4040, 30.8598, -4.7393**.

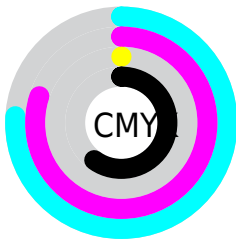
Distribution



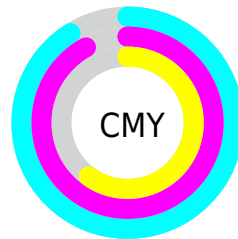
- Red (9%)
- Green (8%)
- Blue (40%)



- Red (9%)
- Yellow (8%)
- Blue (40%)



- Cyan (76%)
- Magenta (80%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (92%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5440, 35.2278, -5.7391 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 30.5440, 35.2278, -5.7391 by changing the saturation by 10% instead.

■ 30.5440, 35.2278,
-5.7391

■ 30.5440, 35.2278,
-5.7391

■ 251.4780, 1.7363,
3.0888

■ 8.7780, 33.6334,
-7.6983

■ 79.6420, 36.6585,
2.0680

■ 7.3300, 23.0083,
-6.4284

■ 104.8810, 37.5267,
3.6124

■ 4.7080, 12.9620,
-4.1289

■ 130.8210, 38.5422,
4.5420

■ 0.3420, 1.3104,
-0.2999

■ 157.1740, 39.8472,
5.9864

■ 0.0000, 0.0000,
0.0000

■ 183.3330, 35.3318,
7.6010

■ 207.8530, 23.2435,

11.5299

■ 232.9600, 10.8657,
14.9441

■ 30.5440, 35.2278,
-5.7391

■ 30.5440, 35.2278,
-5.7391

■ 21.6840, 39.5958,
-6.7389

■ 39.4040, 30.8598,
-4.7393

■ 13.1230, 43.8164,
-7.1239

■ 47.9650, 26.6393,
-4.3543

■ 57.4120, 21.9819,
-3.8693

■ 66.2720, 17.6139,
-2.8695

■ 75.1320, 13.2459,
-1.8698

■ 83.6930, 9.0254,
-1.4848

■ 92.5530, 4.6574,
-0.4850

■ 102.0000, 0.0000,
0.0000

■ 110.5610, -4.2206,
0.3850

Harmonies

Analogous

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



36.7040, 39.0929, -32.1894



30.5440, 35.2278, -5.7391



32.3130, 19.0727, 42.6985

Triad

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



30.5440, 35.2278, -5.7391



29.7350, -14.6594, 35.3124



33.7960, 2.5656, -29.6391

Complementary

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



30.5440, 35.2278, -5.7391



91.4560, -35.2278, 5.7391

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.



28.1760, -13.8908, -24.7104



30.5440, 35.2278, -5.7391



32.5050, -16.0250, 6.5731

Square

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



30.5440, 35.2278, -5.7391



27.2090, -13.4140, 55.9447



25.2410, -12.4438, -22.1364



38.2420, 19.6007, -33.5382

Rectangle

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



30.5440, 35.2278, -5.7391



33.5350, 5.6522, 53.9048



25.2410, -12.4438, -22.1364



31.6130, -3.2602, -27.7246

Sweetspot

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



30.5440, 35.2278, -5.7391



104.9470, 13.8301, -2.5845



75.7210, 12.9555, -48.8673



49.4650, 8.1518, -1.2848



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



30.5440, 35.2278, -5.7391



21.6850, 54.8783, -8.4937



42.5040, 29.3315, 18.8520



46.5700, 2.1840, -0.4999



14.9040, 49.3473, -7.8088



31.1760, 103.9362, -16.8174

Inverse Universe

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



53.4100, 21.9829, 42.6134



57.0660, 33.9845, 66.5941



79.4960, -29.3315, -18.8520



48.0650, 1.4470, 2.5740



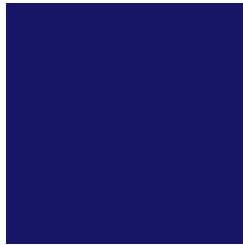
46.8110, 30.6592, 59.8018



98.5780, 64.7910, 125.7811

Previews

White Background



This preview shows how the YUV color 30.5440, 35.2278, -5.7391 looks on a white background.

Color Contrast Check

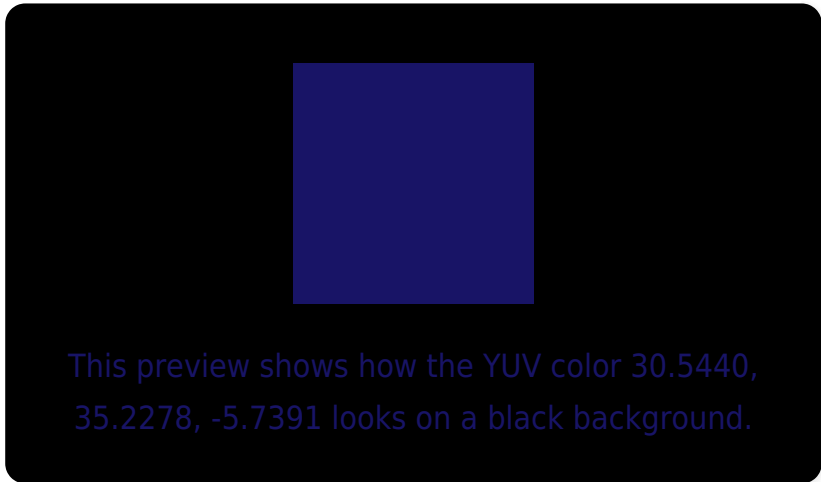
Large Text (above 18pt) WCAG AA ✓ Pass

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

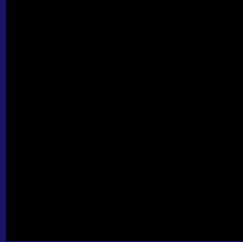
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5440, 35.2278, -5.7391

Background



This preview shows how black text looks on a background with the YUV color 30.5440, 35.2278, -5.7391.



This preview shows how white text looks on a background with the YUV color 30.5440, 35.2278,

-5.7391.

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

30.5440, 35.2278, -5.7391

Protanopia

28.8670, 21.7576, -25.3164

Deuteranopia

28.7870, 16.3740, -25.2462



Tritanopia

28.2680, 6.7699, -24.7910

Trichromacy



Original Color

30.5440, 35.2278, -5.7391

Protanomaly

29.8770, 26.6826, -18.3091

Deuteranomaly

29.6660, 23.3357, -18.1241

Tritanomaly

29.3580, 17.0785, -17.8540

Monochromacy



Original Color

30.5440, 35.2278, -5.7391

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7190, 12.9565, -2.3846

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5440, 35.2278, -5.7391 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(24, 20, 102)` looks like.

```
.text, #text, p{  
    color:rgb(24, 20, 102)  
}
```

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(24, 20, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 20, 102) }
```

Border

The CSS property to change the border of an element to YUV 30.5440, 35.2278, -5.7391 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(24, 20, 102) }
```


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

```
.border{ border-color:rgb(24, 20, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 20, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 20, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 20, 102);  
box-shadow:4px 4px 4px 4px rgb(24, 20,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 30.5440, 35.2278, -5.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 20, 102) }
```

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

```
.background{ background-color: rgb(24, 20,  
102) }
```

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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