

Converting Colors

YUV(136.3050, 30.9086,
-20.4385)

Have a look what the booklet for
YUV(136.3050, 30.9086, -20.4385)
contains.

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Color

**YUV(136.3050, 30.9086,
-20.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	7188C7
RGB	113, 136, 199
RGB Percent	44%, 53%, 78%
CMY	0.5569, 0.4667, 0.2196
CMYK	0.43, 0.32, 0.00, 0.22
HSL	224°, 43%, 61%
HSV	224°, 43%, 78%
XYZ	25.9230, 25.2426, 57.5388
YIQ	136.3050, -33.9310, 14.7170

Conversions

Conversions Part 2

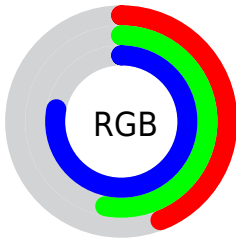
Format	Color
R_{YB}	113, 131, 199
Decimal	7440583
CIE Lab	57.31, 8.26, -35.30
CIE LCh	57, 36.250, 283.169
Yxy	25.2426, 0.2385, 0.2322
Android (android.graphics.Color)	4285630663 (0xFF7188C7)
YUV	136.3050, 30.9086, -20.4385
Hunter-Lab	50.2420, 4.1760, -32.7316

Details

The YUV color **136.3050, 30.9086, -20.4385** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.6950, -30.9086, 20.4385**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2450, 31.9242, -19.5089**, and **85.2400, 29.4617, -23.0125** is the 20% darker color. If you saturate the color by 10%, you get **121.5200, 38.1976, -25.0120**, and if you desaturate by 10%, it is **151.0900, 23.6196, -15.8649**.

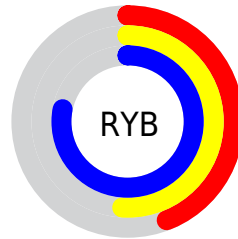
Distribution



Red (44%)

Green (53%)

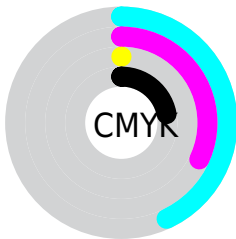
Blue (78%)



Red (44%)

Yellow (51%)

Blue (78%)

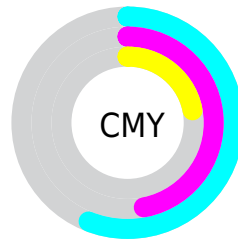


Cyan (43%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3050, 30.9086, -20.4385 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 136.3050, 30.9086, -20.4385 by changing the saturation by 10% instead.

■ 136.3050, 30.9086,
-20.4385

■ 136.3050, 30.9086,
-20.4385

255.0000, 0.0000,
0.0000

■ 110.4790, 30.3299,
-21.4681

■ 190.2450, 31.9242,
-19.5089

■ 85.2400, 29.4617,
-23.0125

■ 215.0530, 19.6939,
-16.7095

■ 59.8050, 29.1831,
-27.0160

■ 240.1600, 7.3161,
-13.2953

■ 35.3700, 28.9046,
-31.0195

254.7010, 0.1474,
-0.6148

■ 20.8940, 24.2093,
-18.3240

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 136.3050, 30.9086,
-20.4385

■ 136.3050, 30.9086,
-20.4385

■ 121.5200, 38.1976,
-25.0120

■ 151.0900, 23.6196,
-15.8649

■ 107.3220, 45.1973,
-30.1004

■ 165.2880, 16.6200,
-10.7766

■ 92.5370, 52.4863,
-34.6739

■ 180.0730, 9.3310,
-6.2030

■ 78.3390, 59.4859,
-39.7623

■ 194.2710, 2.3314,
-1.1147

■ 63.8530, 66.6275,
-43.7211

■ 209.0560, -4.9576,
3.4589

■ 53.7970, 71.5851,
-47.1800

■ 222.9550,
-11.8098, 7.9325

■ 237.7400,
-19.0988, 12.5060

■ 247.4420,
-23.8819, 6.6284

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



122.9250, 37.0120, -64.8322



136.3050, 30.9086, -20.4385



141.3050, 21.0486, 15.5185

Triad

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



136.3050, 30.9086, -20.4385



138.5040, -20.9545, 47.7930



122.9970, -2.4635, -49.9864

Complementary

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



136.3050, 30.9086, -20.4385



175.6950, -30.9086, 20.4385

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.



129.7270, -19.5854, -18.1776



136.3050, 30.9086, -20.4385



136.8150, -29.4888, 31.7342

Square

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



136.3050, 30.9086, -20.4385



139.4950, -7.1460, 52.1859



133.7860, -28.9815, 8.9577



107.6120, 21.3903, -94.3757

Rectangle

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



136.3050, 30.9086, -20.4385



141.5370, 12.5533, 33.7321



133.7860, -28.9815, 8.9577



126.0540, -8.9006, -38.6354

Sweetspot

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



136.3050, 30.9086, -20.4385



231.0450, 11.8098, -7.9325



170.5500, 2.1939, -50.4713



112.9160, 7.4364, -5.1883



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.



136.3050, 30.9086, -20.4385



158.2940, 47.6761, -31.8298



128.4850, 34.7639, 3.0827



92.2000, 3.3524, -1.9294



44.4100, 58.4649, -38.9476



9.9740, 12.8308, -8.7472

Inverse Universe

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



141.3360, -2.6306, 50.5713



165.8710, -3.8804, 78.1661



183.5150, -34.7639, -3.0827



92.9190, -0.4531, 5.3330



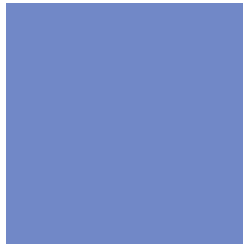
53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 136.3050, 30.9086, -20.4385 looks on a white background.

Color Contrast Check

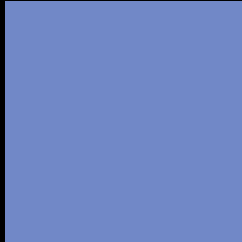
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3050, 30.9086, -20.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

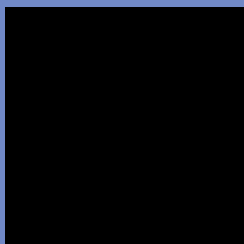
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

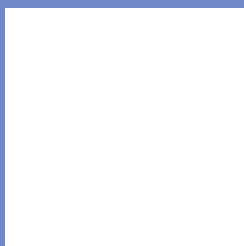
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.3050, 30.9086, -20.4385

Background



This preview shows how black text looks on a background with the YUV color 136.3050, 30.9086, -20.4385.



This preview shows how white text looks on a background with the YUV color 136.3050, 30.9086, -20.4385.

-20.4385.

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

136.3050, 30.9086, -20.4385

Protanopia

136.8000, 30.1716, -17.3646

Deuteranopia

136.0060, 31.0560, -21.0533



Tritanopia

132.5110, 11.5801, -27.6351

Trichromacy



Original Color

136.3050, 30.9086, -20.4385

Protanomaly

136.5010, 30.3190, -17.9794

Deuteranomaly

136.0060, 31.0560, -21.0533

Tritanomaly

133.7700, 18.8474, -25.2313

Monochromacy



Original Color

136.3050, 30.9086, -20.4385

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3050, 30.9086, -20.4385 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(113, 136, 199)` looks like.

```
.text, #text, p{  
    color:rgb(113, 136, 199)  
}
```

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(113, 136, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 136, 199) }
```

Border

The CSS property to change the border of an element to YUV 136.3050, 30.9086, -20.4385 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(113, 136, 199) }
```


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

```
.border{ border-color:rgb(113, 136, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 136, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 136, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 136, 199);  
box-shadow:4px 4px 4px 4px rgb(113, 136,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 136.3050, 30.9086, -20.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 136, 199) }
```

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

```
.background{ background-color: rgb(113,  
136, 199) }
```

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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