

Converting Colors

YUV(111.4450, 52.0386,
-31.0853)

Have a look what the booklet for
YUV(111.4450, 52.0386, -31.0853)
contains.

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Color

**YUV(111.4450, 52.0386,
-31.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6DD9
RGB	76, 109, 217
RGB Percent	30%, 43%, 85%
CMY	0.7020, 0.5725, 0.1490
CMYK	0.65, 0.50, 0.00, 0.15
HSL	226°, 65%, 57%
HSV	226°, 65%, 85%
XYZ	20.9735, 17.4835, 67.9149
YIQ	111.4450, -54.3360, 26.5920

Conversions

Conversions Part 2

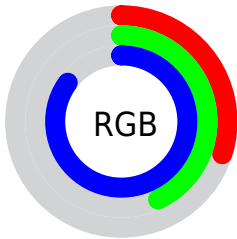
Format	Color
R _Y B	76, 103, 217
Decimal	5008857
CIE Lab	48.86, 22.56, -59.05
CIE LCh	49, 63.212, 290.909
Yxy	17.4835, 0.1972, 0.1644
Android (android.graphics.Color)	4283198937 (0xFF4C6DD9)
YUV	111.4450, 52.0386, -31.0853
Hunter-Lab	41.8133, 16.3621, -67.0319

Details

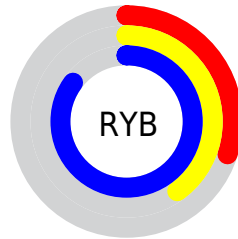
The YUV color **111.4450, 52.0386, -31.0853** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **181.5550, -52.0386, 31.0853**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2520, 44.7388, -23.0230**, and **54.7480, 52.3822, -48.0140** is the 20% darker color. If you saturate the color by 10%, you get **94.8880, 60.2012, -35.8588**, and if you desaturate by 10%, it is **128.0020, 43.8760, -26.3118**.

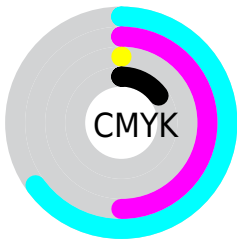
Distribution



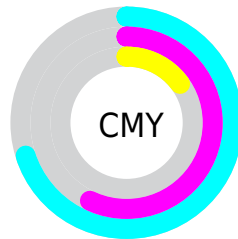
- Red (30%)
- Green (43%)
- Blue (85%)



- Red (30%)
- Yellow (40%)
- Blue (85%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (70%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4450, 52.0386, -31.0853 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 111.4450, 52.0386, -31.0853 by changing the saturation by 10% instead.

■ 111.4450, 52.0386,
-31.0853

■ 111.4450, 52.0386,
-31.0853

■ 255.0000, 0.0000,
0.0000

■ 82.8030, 52.3551,
-39.2922

■ 164.2520, 44.7388,
-23.0230

■ 54.7480, 52.3822,
-48.0140

■ 189.0710, 32.5030,
-18.4793

■ 39.3430, 46.6659,
-34.5038

■ 214.1780, 20.1252,
-15.0651

■ 25.8130, 40.5182,
-22.6380

■ 239.8830, 7.4527,
-10.4214

■ 9.5760, 36.6910,
-8.3982

■ 10.2480, 24.0347,
-8.9875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 111.4450, 52.0386,
-31.0853

■ 111.4450, 52.0386,
-31.0853

■ 94.8880, 60.2012,
-35.8588

■ 128.0020, 43.8760,
-26.3118

■ 79.2170, 67.9270,
-40.5323

■ 143.6730, 36.1502,
-21.6382

■ 62.6600, 76.0896,
-45.3058

■ 160.2300, 27.9876,
-16.8647

■ 54.6750, 80.0262,
-47.9500

■ 176.2000, 20.1144,
-11.5764

■ 192.7570, 11.9518,
-6.8029

■ 209.0150, 3.9366,
-2.6442

■ 224.9850, -3.9366,
2.6442

■ 241.5420,
-12.0992, 7.4177

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



99.8570, 60.2165, -87.5746



111.4450, 52.0386, -31.0853



118.7330, 32.1766, 39.6992

Triad

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



111.4450, 52.0386, -31.0853



109.6520, -38.7754, 70.4652



92.6510, 2.1441, -81.2549

Complementary

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



111.4450, 52.0386, -31.0853



181.5550, -52.0386, 31.0853

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.



90.0240, -23.6758, -59.6570



111.4450, 52.0386, -31.0853



109.4420, -53.9549, 39.0774

Square

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



111.4450, 52.0386, -31.0853



106.9450, -12.7909, 89.5022



104.4710, -51.5042, -0.4131



99.6220, 26.3154, -87.3685

Rectangle

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



111.4450, 52.0386, -31.0853



113.1900, 19.1333, 69.9934



104.4710, -51.5042, -0.4131



90.0120, -5.4289, -78.9405

Sweetspot

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



111.4450, 52.0386, -31.0853



218.9290, 17.7830, -10.4617



170.8510, 5.4965, -83.1843



105.5290, 11.0782, -6.6029



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.



111.4450, 52.0386, -31.0853



106.2750, 73.3214, -44.0912



102.5390, 56.4293, 7.4203



101.4280, 4.2260, -2.1294



43.7890, 63.7010, -38.4030



11.7010, 16.9094, -10.2618

Inverse Universe

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



121.9210, -6.3701, 83.3843



120.8590, -8.8045, 117.6417



190.4610, -56.4293, -7.4203



102.5170, -0.7479, 6.5626



56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 111.4450, 52.0386, -31.0853 looks on a white background.

Color Contrast Check

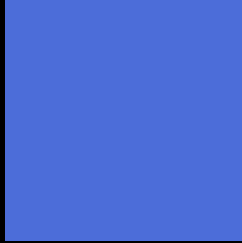
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.4450, 52.0386, -31.0853 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 111.4450, 52.0386, -31.0853 Background



This preview shows how black text looks on a background with the YUV color 111.4450, 52.0386, -31.0853.



This preview shows how white text looks on a background with the YUV color 111.4450, 52.0386, -31.0853.

-31.0853.

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

111.4450, 52.0386, -31.0853

Protanopia

107.2690, 55.5764, -45.8399

Deuteranopia

92.8640, 56.2690, -81.4417



Tritanopia

98.0440, 19.6983, -64.9366

Trichromacy



Original Color

111.4450, 52.0386, -31.0853

Protanomaly

108.9600, 54.2497, -40.3069

Deuteranomaly

99.9310, 54.7570, -63.0835

Tritanomaly

102.9220, 31.5905, -52.5516

Monochromacy



Original Color

111.4450, 52.0386, -31.0853

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9720, 19.2408, -11.3764

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4450, 52.0386, -31.0853 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(76, 109, 217)` looks like.

```
.text, #text, p{  
    color:rgb(76, 109, 217)  
}
```

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(76, 109, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 109, 217) }
```

Border

The CSS property to change the border of an element to YUV 111.4450, 52.0386, -31.0853 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(76, 109, 217) }
```


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

```
.border{ border-color:rgb(76, 109, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 109, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 109, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 109, 217);  
box-shadow:4px 4px 4px 4px rgb(76, 109,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 111.4450, 52.0386, -31.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 109, 217) }
```

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

```
.background{ background-color: rgb(76, 109,  
217) }
```

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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