

Converting Colors

YUV(154.5970, 31.7507,
36.3104)

Have a look what the booklet for
YUV(154.5970, 31.7507, 36.3104)
contains.

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Color

**YUV(154.5970, 31.7507,
36.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	C479DB
RGB	196, 121, 219
RGB Percent	77%, 47%, 86%
CMY	0.2314, 0.5255, 0.1412
CMYK	0.11, 0.45, 0.00, 0.14
HSL	286°, 58%, 67%
HSV	286°, 45%, 86%
XYZ	42.3885, 30.5250, 70.6756
YIQ	154.5970, 13.2420, 46.3780

Conversions

Conversions Part 2

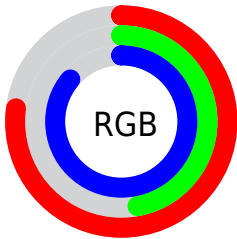
Format	Color
R _Y B	196, 121, 219
Decimal	12876251
CIE Lab	62.10, 45.35, -38.50
CIE LCh	62, 59.492, 319.668
Yxy	30.5250, 0.2952, 0.2126
Android (android.graphics.Color)	4291066331 (0xFFC479DB)
YUV	154.5970, 31.7507, 36.3104
Hunter-Lab	55.2494, 40.2624, -37.1698

Details

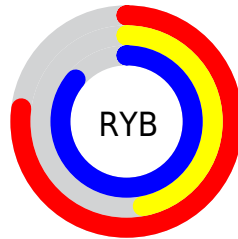
The YUV color **154.5970, 31.7507, 36.3104** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **185.4030, -31.7507, -36.3104**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7410, 23.2987, 40.5691**, and **101.0590, 31.0299, 34.1513** is the 20% darker color. If you saturate the color by 10%, you get **140.1880, 38.8543, 44.5621**, and if you desaturate by 10%, it is **169.0060, 24.6470, 28.0587**.

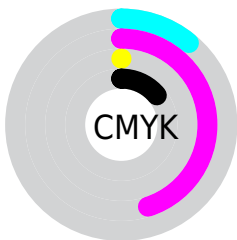
Distribution



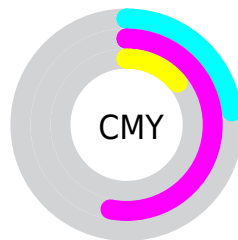
- Red (77%)
- Green (47%)
- Blue (86%)



- Red (77%)
- Yellow (47%)
- Blue (86%)



- Cyan (11%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5970, 31.7507, 36.3104 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 154.5970, 31.7507, 36.3104 by changing the saturation by 10% instead.

154.5970, 31.7507,
36.3104

154.5970, 31.7507,
36.3104

255.0000, 0.0000,
0.0000

127.7710, 31.1719,
35.2808

207.7410, 23.2987,
40.5691

101.0590, 31.0299,
34.1513

224.4760, 15.0483,
26.7695

75.2330, 30.4511,
33.1217

241.4990, 6.6560,
11.8404

48.0590, 31.0299,
34.1513

28.0430, 28.5728,
28.9033

18.5440, 21.9168,
17.0629

4.5600, 17.4719,

-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 154.5970, 31.7507,
36.3104

■ 154.5970, 31.7507,
36.3104

■ 140.1880, 38.8543,
44.5621

■ 169.0060, 24.6470,
28.0587

■ 125.7790, 45.9580,
52.8138

■ 183.4150, 17.5434,
19.8070

■ 111.3700, 53.0616,
61.0655

■ 197.8240, 10.4398,
11.5554

■ 96.6620, 60.3126,
68.7024

■ 212.5320, 3.1887,
3.9184

■ 82.8400, 67.1269,
76.4393

■ 226.9410, -3.9149,
-4.3333

■ 75.1980, 70.8944,
81.3874

■ 240.7630,
-10.7292, -12.0702

■ 244.0190,
-12.3344, -10.5407

■ 245.5140,
-13.0714, -7.4668

■ 247.0090,
-13.8084, -4.3929

Harmonies

Analogous

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



148.0110, 50.2806, -27.1966



154.5970, 31.7507, 36.3104



150.8180, 9.9497, 75.5816

Triad

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



154.5970, 31.7507, 36.3104



144.8060, -52.6554, 42.2661



123.7010, 29.7274, -108.4858

Complementary

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



154.5970, 31.7507, 36.3104



185.4030, -31.7507, -36.3104

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.



116.8440, 5.9929, -102.4722



154.5970, 31.7507, 36.3104



140.3620, -49.4785, 3.1905

Square

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



154.5970, 31.7507, 36.3104



147.0050, -37.4705, 71.9096



132.0150, -26.6294, -45.6172



127.1840, 50.6883, -111.5404

Rectangle

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



154.5970, 31.7507, 36.3104



147.6440, -6.2335, 86.2582



132.0150, -26.6294, -45.6172



121.6490, 21.8650, -106.6862

Sweetspot

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



154.5970, 31.7507, 36.3104



233.2370, 10.7292, 12.0702



146.8470, 35.5714, -22.6678



114.1780, 6.8142, 7.7369



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.



154.5970, 31.7507, 36.3104



164.4260, 44.6530, 51.3694



158.7380, 17.8772, 52.8498



102.6460, 3.6255, 3.8185



59.4890, 55.9609, 64.4691



15.7090, 14.9335, 16.9182

Inverse Universe

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



152.9240, -4.3995, 57.9487



162.0240, -5.9278, 81.5400



181.3760, -17.4404, -52.9498



102.5170, -0.7479, 6.5626



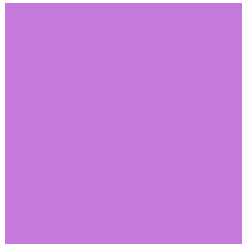
56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 154.5970, 31.7507, 36.3104 looks on a white background.

Color Contrast Check

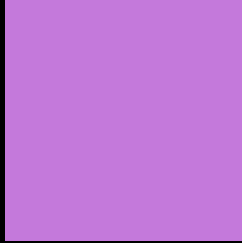
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 154.5970, 31.7507, 36.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

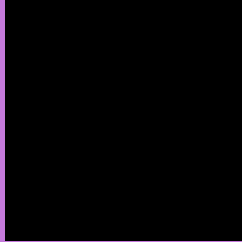
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.5970, 31.7507, 36.3104 Background



This preview shows how black text looks on a background with the YUV color 154.5970, 31.7507, 36.3104.



This preview shows how white text looks on a background with the YUV color 154.5970, 31.7507,

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

154.5970, 31.7507, 36.3104

Protanopia

147.8490, 45.9234, -29.6856

Deuteranopia

149.8320, 31.6348, -20.0237



Tritanopia

152.9050, -2.4182, 29.0243

Trichromacy



Original Color

154.5970, 31.7507, 36.3104

Protanomaly

150.6240, 40.6114, -5.8092

Deuteranomaly

151.6650, 31.7172, 0.2938

Tritanomaly

153.5430, 10.0853, 31.9728

Monochromacy



Original Color

154.5970, 31.7507, 36.3104

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0630, 11.3079, 13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5970, 31.7507, 36.3104 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(196, 121, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 121, 219)  
}
```

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(196, 121, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 121, 219) }
```

Border

The CSS property to change the border of an element to YUV 154.5970, 31.7507, 36.3104 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(196, 121, 219) }
```


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

```
.border{ border-color:rgb(196, 121, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 121, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 121, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 121, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 121,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 154.5970, 31.7507, 36.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 121, 219) }
```

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

```
.background{ background-color: rgb(196,  
121, 219) }
```

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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