

Converting Colors

YUV(131.0010, 25.6355,
37.7101)

Have a look what the booklet for
YUV(131.0010, 25.6355, 37.7101)
contains.

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Color

**YUV(131.0010, 25.6355,
37.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	AE63B7
RGB	174, 99, 183
RGB Percent	68%, 39%, 72%
CMY	0.3176, 0.6118, 0.2824
CMYK	0.05, 0.46, 0.00, 0.28
HSL	294°, 37%, 55%
HSV	294°, 46%, 72%
XYZ	30.4646, 21.3412, 47.3134
YIQ	131.0010, 17.7360, 42.0240

Conversions

Conversions Part 2

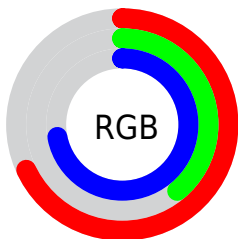
Format	Color
RYB	174, 99, 183
Decimal	11428791
CIELab	53.32, 43.38, -31.97
CIELCh	53, 53.889, 323.616
Yxy	21.3412, 0.3074, 0.2153
Android (android.graphics.Color)	4289618871 (0xFFAE63B7)
YUV	131.0010, 25.6355, 37.7101
Hunter-Lab	46.1966, 36.8690, -28.3857

Details

The YUV color **131.0010, 25.6355, 37.7101** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.9990, -25.6355, -37.7101**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5390, 26.3563, 39.8693**, and **78.8760, 25.2041, 36.0657** is the 20% darker color. If you saturate the color by 10%, you get **119.8370, 31.1394, 45.7470**, and if you desaturate by 10%, it is **142.1650, 20.1317, 29.6733**.

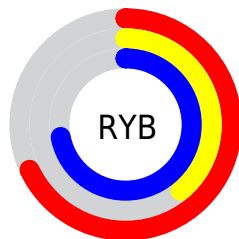
Distribution



Red (68%)

Green (39%)

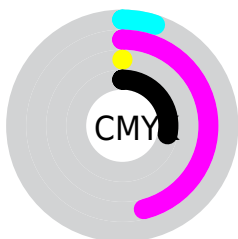
Blue (72%)



Red (68%)

Yellow (39%)

Blue (72%)

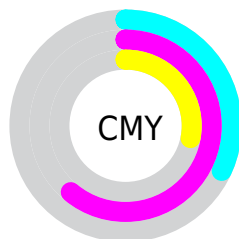


Cyan (5%)

Magenta (46%)

Yellow (0%)

Black (28%)



Cyan (32%)


Magenta (61%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.0010, 25.6355, 37.7101 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 131.0010, 25.6355, 37.7101 by changing the saturation by 10% instead.


 131.0010, 25.6355,
37.7101


 131.0010, 25.6355,
37.7101

255.0000, 0.0000,
0.0000

 104.2890, 25.4935,
36.5805


 185.5390, 26.3563,
39.8693

 78.8760, 25.2041,
36.0657

 210.3880, 21.9937,
39.1247


 51.9900, 25.6409,
35.9658

 226.8240, 13.8908,
24.7104

 29.4520, 24.9202,
33.8066

 243.8470, 5.4984,
9.7812

 19.5400, 17.9748,
21.4514

 7.7630, 12.9348,
4.5928

 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 131.0010, 25.6355,
37.7101

■ 131.0010, 25.6355,
37.7101

■ 119.8370, 31.1394,
45.7470

■ 142.1650, 20.1317,
29.6733

■ 108.0860, 36.9326,
54.2986

■ 153.9160, 14.3384,
21.1217

■ 96.9220, 42.4365,
62.3354

■ 165.0800, 8.8346,
13.0848

■ 85.7580, 47.9403,
70.3722

■ 176.2440, 3.3307,
5.0480

■ 74.5940, 53.4442,
78.4091

■ 187.9950, -2.4625,
-3.5036

■ 69.5990, 55.9067,
81.9127

■ 199.1590, -7.9664,
-11.5404

■ 210.3230,
-13.4702, -19.5773

■ 221.4870,
-18.9741, -27.6141

■ 227.9550,
-22.1628, -31.5325

Harmonies

Analogous

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



127.0250, 42.3857, -14.9309



131.0010, 25.6355, 37.7101



126.7480, 6.0402, 69.5040

Triad

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



131.0010, 25.6355, 37.7101



122.3040, -47.9709, 33.0594



106.0450, 28.0788, -93.0015

Complementary

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



131.0010, 25.6355, 37.7101



150.9990, -25.6355, -37.7101

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.



100.6870, 7.5493, -88.3025



131.0010, 25.6355, 37.7101



118.2780, -42.0421, -1.9978

Square

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



131.0010, 25.6355, 37.7101



124.2100, -35.1065, 60.3288



109.1270, -19.7826, -48.3464



108.0290, 45.8347, -94.7414

Rectangle

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



131.0010, 25.6355, 37.7101



125.0080, -8.3849, 76.2920



109.1270, -19.7826, -48.3464



104.9220, 21.2375, -92.0166

Sweetspot

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



131.0010, 25.6355, 37.7101



216.7320, 9.9921, 15.1440



114.4460, 33.7971, -13.5461



107.0750, 6.3720, 9.5812



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



131.0010, 25.6355, 37.7101



156.5040, 39.6845, 58.3170



130.0440, 10.3313, 46.4424



86.4180, 2.7519, 4.0184



59.3450, 47.6509, 69.8574



10.6670, 8.5452, 12.5700

Inverse Universe

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



125.1420, -8.4510, 50.7415



147.4660, -13.0477, 78.5213



151.9560, -10.3313, -46.4424



85.8050, -0.8899, 5.4330



48.5820, -15.5699, 94.2056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 131.0010, 25.6355, 37.7101 looks on a white background.

Color Contrast Check

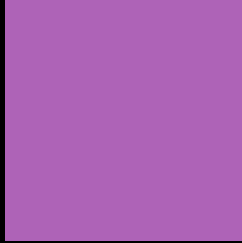
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0010, 25.6355, 37.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

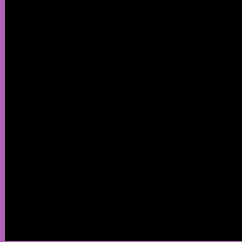
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.0010, 25.6355, 37.7101

Background



This preview shows how black text looks on a background with the YUV color 131.0010, 25.6355, 37.7101.



This preview shows how white text looks on a background with the YUV color 131.0010, 25.6355,

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

131.0010, 25.6355, 37.7101

Protanopia

125.7480, 39.0712, -25.2120

Deuteranopia

127.4430, 24.9246, -14.4205



Tritanopia

129.8730, -3.8814, 31.6834

Trichromacy



Original Color

131.0010, 25.6355, 37.7101

Protanomaly

127.9250, 34.0540, -2.5652

Deuteranomaly

128.6780, 25.3017, 4.6674

Tritanomaly

130.3430, 6.7329, 33.9022

Monochromacy



Original Color

131.0010, 25.6355, 37.7101

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9060, 9.4133, 14.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0010, 25.6355, 37.7101 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(174, 99, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 99, 183)  
}
```

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(174, 99, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 99, 183) }
```

Border

The CSS property to change the border of an element to YUV 131.0010, 25.6355, 37.7101 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(174, 99, 183) }
```


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

```
.border{ border-color:rgb(174, 99, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 99, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 99, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 99, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 99,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 131.0010, 25.6355, 37.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 99, 183) }
```

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

```
.background{ background-color: rgb(174, 99,  
183) }
```

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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