

Converting Colors

YUV(190.1010, 27.0652,
-0.9656)

Have a look what the booklet for
YUV(190.1010, 27.0652, -0.9656)
contains.

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Color

**YUV(190.1010, 27.0652,
-0.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB4F5
RGB	189, 180, 245
RGB Percent	74%, 71%, 96%
CMY	0.2588, 0.2941, 0.0392
CMYK	0.23, 0.27, 0.00, 0.04
HSL	248°, 76%, 83%
HSV	248°, 27%, 96%
XYZ	53.7890, 50.0539, 93.2126
YIQ	190.1010, -15.5010, 22.1230

Conversions

Conversions Part 2

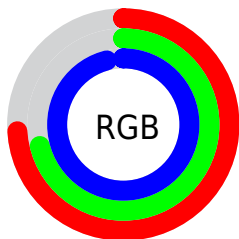
Format	Color
R _Y B	189, 180, 245
Decimal	12432629
CIE Lab	76.10, 16.58, -31.11
CIE LCh	76, 35.251, 298.061
Yxy	50.0539, 0.2730, 0.2540
Android (android.graphics.Color)	4290622709 (0xFFBDB4F5)
YUV	190.1010, 27.0652, -0.9656
Hunter-Lab	70.7488, 11.8998, -28.5913

Details

The YUV color **190.1010, 27.0652, -0.9656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234.8990, -27.0652, 0.9656**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1560, 6.8251, 4.2482**, and **136.4600, 25.9022, -1.2804** is the 20% darker color. If you saturate the color by 10%, you get **169.7340, 37.1061, -1.5207**, and if you desaturate by 10%, it is **211.0550, 16.7349, -0.9252**.

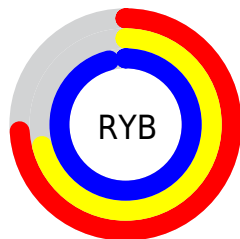
Distribution



Red (74%)

Green (71%)

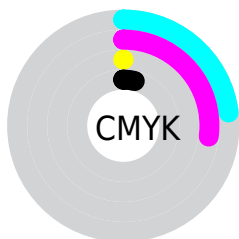
Blue (96%)



Red (74%)

Yellow (71%)

Blue (96%)

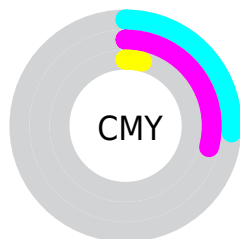


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1010, 27.0652, -0.9656 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 190.1010, 27.0652, -0.9656 by changing the saturation by 10% instead.

■ 190.1010, 27.0652,
-0.9656

■ 190.1010, 27.0652,
-0.9656

255.0000, 0.0000,
0.0000

■ 162.5740, 26.3390,
-1.3804

■ 241.1560, 6.8251,
4.2482

■ 136.4600, 25.9022,
-1.2804

■ 110.5200, 24.8866,
-2.2100

■ 85.9930, 24.1605,
-2.6249

■ 62.0530, 23.1449,
-3.5545

■ 39.5150, 22.4241,
-5.7137

■ 16.6670, 21.8562,

-10.2320

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 190.1010, 27.0652,
-0.9656

■ 190.1010, 27.0652,
-0.9656

■ 169.7340, 37.1061,
-1.5207

■ 211.0550, 16.7349,
-0.9252

■ 148.7800, 47.4365,
-1.5611

■ 231.4220, 6.6940,
-0.3701

■ 128.4130, 57.4774,
-2.1162

■ 252.3760, -3.6364,
-0.3298

■ 107.4590, 67.8077,
-2.1565

■ 253.8600, -4.3680,
0.9998

■ 86.7930, 77.9961,
-3.3265

■ 65.8390, 88.3264,
-3.3668

■ 45.4720, 98.3673,
-3.9219

■ 38.0960, 102.0037,
-3.5922

Harmonies

Analogous

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



182.7050, 34.1624, -37.4523



190.1010, 27.0652, -0.9656



192.4980, 15.0375, 30.2583

Triad

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



190.1010, 27.0652, -0.9656



188.4620, -27.3428, 43.4448



171.8090, 6.0102, -61.2225

Complementary

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



190.1010, 27.0652, -0.9656



234.8990, -27.0652, 0.9656

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.



177.7620, -12.7007, -33.1173



190.1010, 27.0652, -0.9656



185.8910, -31.4983, 22.8976

Square

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



190.1010, 27.0652, -0.9656



190.0300, -15.2978, 53.4707



182.3930, -26.3227, -3.8527



167.7970, 24.2571, -80.5060

Rectangle

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



190.1010, 27.0652, -0.9656



191.9530, 4.9532, 44.7682



182.3930, -26.3227, -3.8527



174.1430, -0.5635, -52.7454

Sweetspot

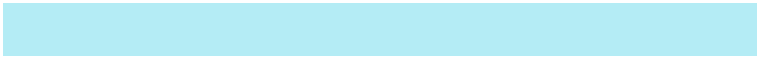
The Sweet Spot groups the original color and five complimentary colors.



190.1010, 27.0652, -0.9656



237.8780, 8.4411, -0.7700



220.2820, 12.1860, -35.3273



117.0800, 5.3836, -0.0702



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.



190.1010, 27.0652, -0.9656



185.9360, 34.0486, -0.8209



199.6690, 22.3482, 18.7073



111.9660, 4.9468, 0.0298



28.9780, 77.4118, -2.6117



9.1180, 24.5918, -0.9805

Inverse Universe

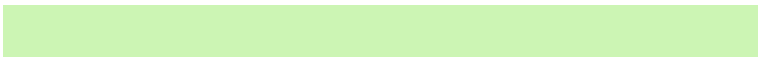
The Inverse Universe completely reimagines the original color for something new.



205.8190, 14.8792, 34.3617



205.6120, 18.9253, 43.3133



225.3310, -22.3482, -18.7073



114.8420, 3.0359, 6.2776



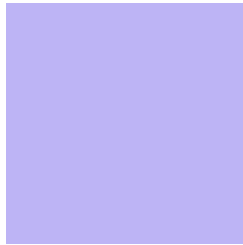
73.8540, 42.4700, 98.3520



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 190.1010, 27.0652, -0.9656 looks on a white background.

Color Contrast Check

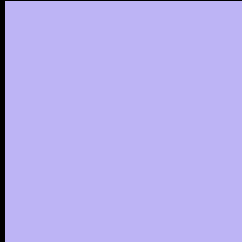
Large Text (above 18pt) WCAG AA × Fail

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 190.1010, 27.0652, -0.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

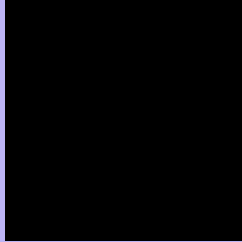
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.1010, 27.0652, -0.9656

Background



This preview shows how black text looks on a background with the YUV color 190.1010, 27.0652, -0.9656.



This preview shows how white text looks on a background with the YUV color 190.1010, 27.0652, -0.9656.

-0.9656.

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

190.1010, 27.0652, -0.9656

Protanopia

187.8110, 30.1662, -15.6202

Deuteranopia

188.1490, 27.5345, -11.5317



Tritanopia

187.6170, 7.5838, -5.8031

Trichromacy



Original Color

190.1010, 27.0652, -0.9656

Protanomaly

188.6160, 29.2763, -10.1872

Deuteranomaly

189.0570, 27.0869, -7.9430

Tritanomaly

188.4630, 14.5617, -3.9141

Monochromacy



Original Color

190.1010, 27.0652, -0.9656

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1010, 27.0652, -0.9656 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(189, 180, 245)` looks like.

```
.text, #text, p{  
    color:rgb(189, 180, 245)  
}
```

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(189, 180, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 180, 245) }
```

Border

The CSS property to change the border of an element to YUV 190.1010, 27.0652, -0.9656 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(189, 180, 245) }
```


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

```
.border{ border-color:rgb(189, 180, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 180, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 180, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 180, 245);  
box-shadow:4px 4px 4px 4px rgb(189, 180,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 190.1010, 27.0652, -0.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 180, 245) }
```

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

```
.background{ background-color: rgb(189,  
180, 245) }
```

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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