

Converting Colors

YUV(183.9510, 21.2232, 6.1820)

Have a look what the booklet for
YUV(183.9510, 21.2232, 6.1820)
contains.

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Color

**YUV(183.9510, 21.2232,
6.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFACE3</code>
RGB	191, 172, 227
RGB Percent	75%, 67%, 89%
CMY	0.2510, 0.3255, 0.1098
CMYK	0.16, 0.24, 0.00, 0.11
HSL	261°, 50%, 78%
HSV	261°, 24%, 89%
XYZ	50.1035, 46.1275, 78.9358
YIQ	183.9510, -6.3310, 21.1330

Conversions

Conversions Part 2

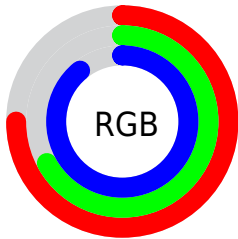
Format	Color
R_{YB}	191, 172, 227
Decimal	12561635
CIE _{Lab}	73.63, 17.58, -25.14
CIE _{LCh}	74, 30.672, 304.965
Yxy	46.1275, 0.2860, 0.2633
Android (android.graphics.Color)	4290751715 (0xFFBFACE3)
YUV	183.9510, 21.2232, 6.1820
Hunter-Lab	67.9172, 12.8269, -21.3669

Details

The YUV color **183.9510, 21.2232, 6.1820** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **215.0490, -21.2232, -6.1820**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4710, 9.1348, 10.1109**, and **130.8970, 19.7708, 5.3523** is the 20% darker color. If you saturate the color by 10%, you get **165.9650, 30.0903, 8.8007**, and if you desaturate by 10%, it is **201.9370, 12.3561, 3.5633**.

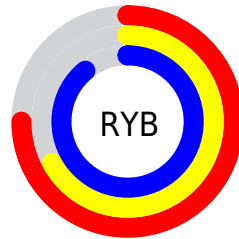
Distribution



Red (75%)

Green (67%)

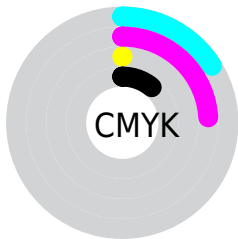
Blue (89%)



Red (75%)

Yellow (67%)

Blue (89%)

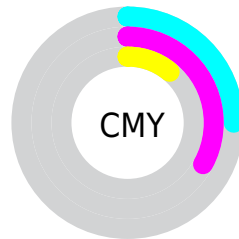


Cyan (16%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9510, 21.2232, 6.1820 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 183.9510, 21.2232, 6.1820 by changing the saturation by 10% instead.

■ 183.9510, 21.2232,
6.1820

■ 183.9510, 21.2232,
6.1820

255.0000, 0.0000,
0.0000

■ 156.8370, 20.7864,
6.2820

■ 236.4710, 9.1348,
10.1109

■ 130.8970, 19.7708,
5.3523

■ 105.4840, 19.4814,
4.8375

■ 80.9570, 18.7552,
4.4227

■ 58.0170, 17.7396,
3.4931

■ 35.4900, 17.0134,
3.0783

■ 12.6150, 17.4448,

4.7226

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 183.9510, 21.2232,
6.1820

■ 183.9510, 21.2232,
6.1820

■ 165.9650, 30.0903,
8.8007

■ 201.9370, 12.3561,
3.5633

■ 148.5660, 38.6680,
10.9046

■ 219.3360, 3.7784,
1.4593

■ 130.5800, 47.5351,
13.5233

■ 237.3220, -5.0887,
-1.1594

■ 112.8930, 56.2548,
16.7568

■ 250.3130,
-11.4933, -0.2745

■ 95.4940, 64.8325,
18.8608

■ 251.8080,
-12.2303, 2.7994

■ 77.5080, 73.6996,
21.4795

■ 59.5220, 82.5667,
24.0982

■ 49.2000, 87.6554,
25.2576

Harmonies

Analogous

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



179.0010, 28.5935, -24.5569



183.9510, 21.2232, 6.1820



185.1300, 9.7959, 31.4580

Triad

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



183.9510, 21.2232, 6.1820



181.3900, -24.8423, 34.7380



167.5260, 8.6147, -56.5893

Complementary

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



183.9510, 21.2232, 6.1820



215.0490, -21.2232, -6.1820

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.



171.4290, -7.6065, -33.7022



183.9510, 21.2232, 6.1820



179.1010, -26.6718, 14.8204

Square

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



183.9510, 21.2232, 6.1820



183.0460, -16.2917, 45.5637



175.8530, -20.6335, -8.6411



166.1410, 22.6085, -65.0217

Rectangle

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



183.9510, 21.2232, 6.1820



184.9050, 1.0328, 42.1793



175.8530, -20.6335, -8.6411



168.4900, 3.2094, -49.5417

Sweetspot

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



183.9510, 21.2232, 6.1820



240.8460, 6.9779, 1.8891



199.9890, 13.3164, -24.5464



119.4500, 4.2151, 1.3593



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.



183.9510, 21.2232, 6.1820



197.2100, 28.4905, 8.5858



192.0240, 17.2432, 22.7810



105.5640, 4.6519, 1.2594



38.9440, 69.0476, 20.2201



11.1960, 19.6234, 5.9671

Inverse Universe

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



192.5490, 7.6173, 30.2135



208.5980, 10.0582, 40.6946



206.9760, -17.2432, -22.7810



107.5000, 1.7255, 6.5775



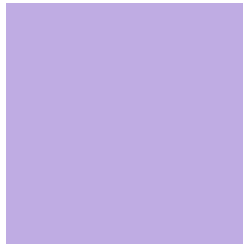
66.8590, 24.7195, 98.3477



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 183.9510, 21.2232, 6.1820 looks on a white background.

Color Contrast Check

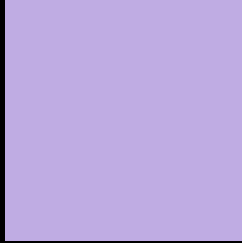
Large Text (above 18pt) WCAG AA × Fail

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 183.9510, 21.2232, 6.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

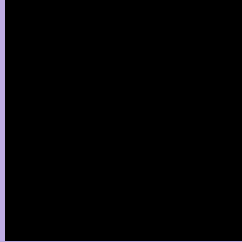
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.9510, 21.2232, 6.1820

Background



This preview shows how black text looks on a background with the YUV color 183.9510, 21.2232, 6.1820.



This preview shows how white text looks on a background with the YUV color 183.9510, 21.2232, 6.1820.

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

183.9510, 21.2232, 6.1820

Protanopia

181.4540, 24.9192, -12.6762

Deuteranopia

181.9880, 21.6979, -6.1285



Tritanopia

181.6890, 5.0833, 2.9037

Trichromacy



Original Color

183.9510, 21.2232, 6.1820

Protanomaly

182.1560, 23.5871, -5.3988

Deuteranomaly

182.6080, 21.3923, -1.4102

Tritanomaly

182.5950, 11.0457, 3.8632

Monochromacy



Original Color

183.9510, 21.2232, 6.1820

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9510, 21.2232, 6.1820 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(191, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 227)  
}
```

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(191, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 227) }
```

Border

The CSS property to change the border of an element to YUV 183.9510, 21.2232, 6.1820 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(191, 172, 227) }
```


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

```
.border{ border-color:rgb(191, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 183.9510, 21.2232, 6.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 227) }
```

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

```
.background{ background-color: rgb(191,  
172, 227) }
```

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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