

Converting Colors

YUV(183.3760, 16.5766, 3.1782)

Have a look what the booklet for
YUV(183.3760, 16.5766, 3.1782)
contains.

YUV(183.3760, 16.5766, 3.1782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(183.3760, 16.5766,
3.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAFD9
RGB	187, 175, 217
RGB Percent	73%, 69%, 85%
CMY	0.2667, 0.3137, 0.1490
CMYK	0.14, 0.19, 0.00, 0.15
HSL	257°, 36%, 77%
HSV	257°, 19%, 85%
XYZ	48.3479, 46.2345, 72.0216
YIQ	183.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

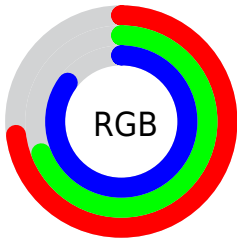
Format	Color
RYB	187, 175, 217
Decimal	12300249
CIELab	73.70, 12.50, -19.61
CIELCh	74, 23.257, 302.526
Yxy	46.2345, 0.2902, 0.2775
Android (android.graphics.Color)	4290490329 (0xFFBBAFD9)
YUV	183.3760, 16.5766, 3.1782
Hunter-Lab	67.9960, 7.9278, -15.2030

Details

The YUV color $183.3760, 16.5766, 3.1782$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $208.6240, -16.5766, -3.1782$, and the grayscale version is $183.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3240, 8.7143, 4.9779$, and $130.4360, 15.5611, 2.2486$ is the 20% darker color. If you saturate the color by 10%, you get $165.6780, 25.3017, 4.6674$, and if you desaturate by 10%, it is $200.7750, 7.9989, 1.0743$.

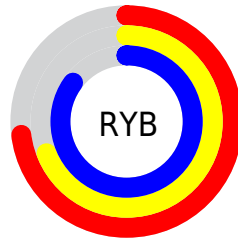
Distribution



Red (73%)

Green (69%)

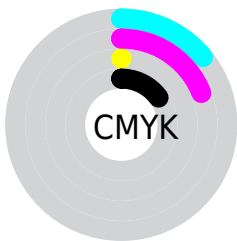
Blue (85%)



Red (73%)

Yellow (69%)

Blue (85%)

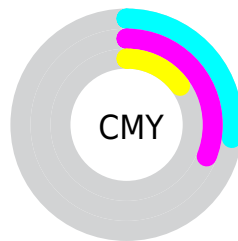


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.3760, 16.5766, 3.1782 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 183.3760, 16.5766, 3.1782 by changing the saturation by 10% instead.

■ 183.3760, 16.5766,
3.1782

■ 183.3760, 16.5766,
3.1782

255.0000, 0.0000,
0.0000

■ 156.2620, 16.1398,
3.2782

■ 237.3240, 8.7143,
4.9779

■ 130.4360, 15.5611,
2.2486

■ 105.3220, 15.1243,
2.3486

■ 80.7950, 14.3981,
1.9338

■ 57.6810, 13.9613,
2.0338

■ 35.7410, 12.9457,
1.1041

■ 13.1650, 13.2297,

3.3633

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 183.3760, 16.5766,
3.1782

■ 183.3760, 16.5766,
3.1782

■ 165.6780, 25.3017,
4.6674

■ 200.7750, 7.9989,
1.0743

■ 148.8660, 33.5901,
6.2565

■ 217.8860, -0.4368,
0.1000

■ 131.1680, 42.3152,
7.7457

■ 235.5840, -9.1619,
-1.3892

■ 113.7690, 50.8929,
9.8496

■ 248.8740,
-15.7139, 0.1105

■ 96.6580, 59.3286,
10.8239

■ 250.6680,
-16.5983, 3.7992

■ 79.2590, 67.9063,
12.9279

■ 61.5610, 76.6314,
14.4170

■ 44.1620, 85.2091,
16.5209

■ 43.2760, 85.6459,
16.4209

Harmonies

Analogous

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



179.4980, 21.4465, -18.8537



183.3760, 16.5766, 3.1782



184.9070, 7.9338, 22.0066

Triad

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



183.3760, 16.5766, 3.1782



181.9530, -18.7108, 28.1052



172.3110, 4.7767, -38.8607

Complementary

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



183.3760, 16.5766, 3.1782



208.6240, -16.5766, -3.1782

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.



174.7230, -6.7654, -23.4361



183.3760, 16.5766, 3.1782



179.8110, -20.1198, 13.3208

Square

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



183.3760, 16.5766, 3.1782



183.7180, -12.1860, 35.3273



177.7270, -16.1344, -5.0226



172.0250, 15.2707, -44.7489

Rectangle

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



183.3760, 16.5766, 3.1782



184.5400, 1.2128, 31.0984



177.7270, -16.1344, -5.0226



173.3070, 0.8346, -34.4722

Sweetspot

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



183.3760, 16.5766, 3.1782



242.9060, 5.9623, 0.9594



197.3980, 9.6638, -19.6430



120.6240, 3.6364, 0.3298



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.



183.3760, 16.5766, 3.1782



207.8090, 23.2652, 4.5525



189.6550, 13.4811, 16.0886



101.1510, 4.3626, 0.7446



34.6720, 68.1957, 13.4427



9.1310, 18.1764, 3.3931

Inverse Universe

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



190.9780, 6.9128, 22.8213



218.4290, 9.6485, 32.0728



202.3450, -13.4811, -16.0886



103.2010, 1.8729, 5.9627



65.8630, 28.6615, 93.9591



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 183.3760, 16.5766, 3.1782 looks on a white background.

Color Contrast Check

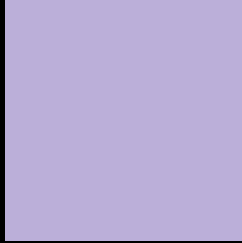
Large Text (above 18pt) WCAG AA × Fail

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 183.3760, 16.5766, 3.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

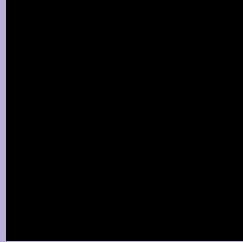
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.3760, 16.5766, 3.1782

Background



This preview shows how black text looks on a background with the YUV color 183.3760, 16.5766, 3.1782.



This preview shows how white text looks on a background with the YUV color 183.3760, 16.5766, 3.1782.

3.1782.

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

183.3760, 16.5766, 3.1782

Protanopia

181.5810, 18.9406, -8.4025

Deuteranopia

182.7560, 16.8823, -1.5400



Tritanopia

181.7920, 5.5255, 1.0594

Trichromacy



Original Color

183.3760, 16.5766, 3.1782

Protanomaly

182.3750, 18.0561, -4.7139

Deuteranomaly

182.7670, 16.8769, 0.2043

Tritanomaly

182.5300, 9.5987, 1.2892

Monochromacy



Original Color

183.3760, 16.5766, 3.1782

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.3760, 16.5766, 3.1782 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(187, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 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(187, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 217) }
```

Border

The CSS property to change the border of an element to YUV 183.3760, 16.5766, 3.1782 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(187, 175, 217) }
```


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

```
.border{ border-color:rgb(187, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 183.3760, 16.5766, 3.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 217) }
```

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

```
.background{ background-color: rgb(187,  
175, 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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