

Converting Colors

YUV(193.3750, 18.0561,
-4.7139)

Have a look what the booklet for
YUV(193.3750, 18.0561, -4.7139)
contains.

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Color

**YUV(193.3750, 18.0561,
-4.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBDE6
RGB	188, 189, 230
RGB Percent	74%, 74%, 90%
CMY	0.2627, 0.2588, 0.0980
CMYK	0.18, 0.18, 0.00, 0.10
HSL	239°, 46%, 82%
HSV	239°, 18%, 90%
XYZ	53.2196, 52.7997, 82.2493
YIQ	193.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

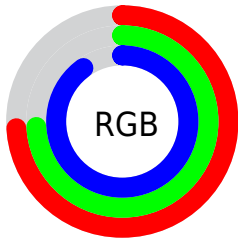
Format	Color
RYB	188, 189, 230
Decimal	12369382
CIELab	77.76, 7.99, -20.50
CIELCh	78, 21.999, 291.291
Yxy	52.7997, 0.2827, 0.2804
Android (android.graphics.Color)	4290559462 (0xFFBCBDE6)
YUV	193.3750, 18.0561, -4.7139
Hunter-Lab	72.6634, 3.5746, -16.2472

Details

The YUV color **193.3750, 18.0561, -4.7139** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.6250, -18.0561, 4.7139**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1400, 4.3680, -0.9998**, and **139.7340, 16.8931, -5.0287** is the 20% darker color. If you saturate the color by 10%, you get **173.5840, 27.8131, -7.5282**, and if you desaturate by 10%, it is **213.1660, 8.2992, -1.8996**.

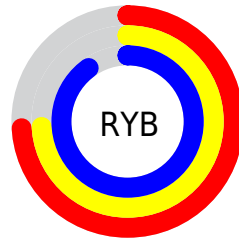
Distribution



Red (74%)

Green (74%)

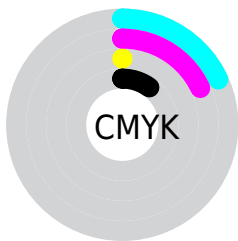
Blue (90%)



Red (74%)

Yellow (74%)

Blue (90%)

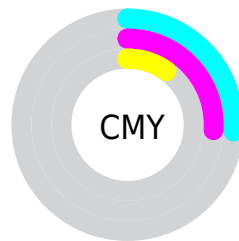


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3750, 18.0561, -4.7139 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 193.3750, 18.0561, -4.7139 by changing the saturation by 10% instead.

■ 193.3750, 18.0561,
-4.7139

■ 193.3750, 18.0561,
-4.7139

255.0000, 0.0000,
0.0000

■ 166.2610, 17.6193,
-4.6139

■ 246.1400, 4.3680,
-0.9998

■ 139.7340, 16.8931,
-5.0287

■ 114.0330, 16.7457,
-4.4139

■ 89.5060, 16.0195,
-4.8288

■ 65.9790, 15.2934,
-5.2436

■ 43.4520, 14.5672,
-5.6584

■ 21.9140, 13.8464,

-7.8176

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 193.3750, 18.0561,
-4.7139

■ 193.3750, 18.0561,
-4.7139

■ 173.5840, 27.8131,
-7.5282

■ 213.1660, 8.2992,
-1.8996

■ 153.2060, 37.8594,
-9.8277

■ 233.5440, -1.7472,
0.3999

■ 133.4150, 47.6164,
-12.6420

■ 252.1500,
-10.9200, 2.4994

■ 113.0370, 57.6628,
-14.9414

■ 93.2460, 67.4197,
-17.7557

■ 72.8680, 77.4661,
-20.0552

■ 53.0770, 87.2230,
-22.8695

■ 32.6990, 97.2694,
-25.1690

■ 29.1550, 99.0166,
-25.5689

Harmonies

Analogous

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



189.6390, 20.8840, -25.1164



193.3750, 18.0561, -4.7139



195.3730, 11.1551, 15.4589

Triad

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



193.3750, 18.0561, -4.7139



193.6590, -16.1009, 30.9941



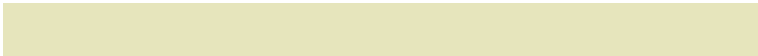
185.0900, -0.0444, -32.5279

Complementary

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



193.3750, 18.0561, -4.7139



224.6250, -18.0561, 4.7139

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.



187.4420, -10.5709, -16.1736



193.3750, 18.0561, -4.7139



192.2570, -19.8467, 19.0686

Square

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



193.3750, 18.0561, -4.7139



195.0430, -8.4022, 35.0423



189.4290, -17.4665, 2.2548



184.1950, 10.7499, -41.3900

Rectangle

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



193.3750, 18.0561, -4.7139



195.8320, 5.0128, 25.5803



189.4290, -17.4665, 2.2548



185.4990, -3.6970, -27.6246

Sweetspot

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



193.3750, 18.0561, -4.7139



244.0690, 5.3890, -1.8145



217.3280, 5.7543, -25.7207



120.9120, 3.4944, -0.7998



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.



193.3750, 18.0561, -4.7139



205.9710, 24.1713, -6.1136



198.7680, 15.3974, 8.0965



104.9550, 4.9522, -1.7145



22.7540, 77.0293, -19.9553



6.4010, 21.9873, -5.6137

Inverse Universe

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



200.6720, -5.7543, 25.7207



215.8580, -7.8180, 34.3275



219.2320, -15.3974, -8.0965



106.7020, -1.3321, 7.2773



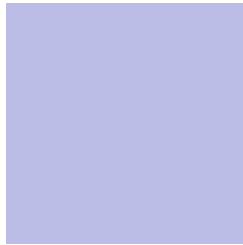
53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 193.3750, 18.0561, -4.7139 looks on a white background.

Color Contrast Check

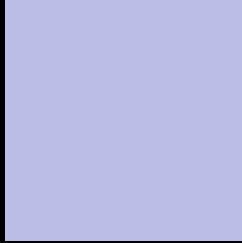
Large Text (above 18pt) WCAG AA × Fail

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 193.3750, 18.0561, -4.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

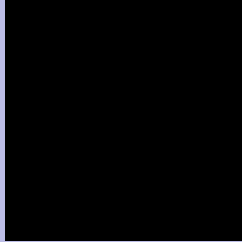
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.3750, 18.0561, -4.7139

Background



This preview shows how black text looks on a background with the YUV color 193.3750, 18.0561, -4.7139.



This preview shows how white text looks on a background with the YUV color 193.3750, 18.0561, -4.7139.

-4.7139.

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

193.3750, 18.0561, -4.7139

Protanopia

192.5810, 18.9406, -8.4025

Deuteranopia

193.9840, 17.7559, -1.7400



Tritanopia

192.0190, 7.8786, -7.0327

Trichromacy



Original Color

193.3750, 18.0561, -4.7139

Protanomaly

193.1790, 18.6458, -7.1730

Deuteranomaly

193.6850, 17.9033, -2.3547

Tritanomaly

192.6430, 11.5150, -6.7029

Monochromacy



Original Color

193.3750, 18.0561, -4.7139

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2970, 6.2626, -2.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3750, 18.0561, -4.7139 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(188, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 189, 230)  
}
```

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(188, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 189, 230) }
```

Border

The CSS property to change the border of an element to YUV 193.3750, 18.0561, -4.7139 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(188, 189, 230) }
```


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

```
.border{ border-color:rgb(188, 189, 230) }
```

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

Here you see how a box with a 4 pixel rgb(188, 189, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 189,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 193.3750, 18.0561, -4.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 189, 230) }
```

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

```
.background{ background-color: rgb(188,  
189, 230) }
```

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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