

Converting Colors

YUV(189.3160, 17.5922, 4.1079)

Have a look what the booklet for
YUV(189.3160, 17.5922, 4.1079)
contains.

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Color

**YUV(189.3160, 17.5922,
4.1079)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B4E1
RGB	194, 180, 225
RGB Percent	76%, 71%, 88%
CMY	0.2392, 0.2941, 0.1176
CMYK	0.14, 0.20, 0.00, 0.12
HSL	259°, 43%, 79%
HSV	259°, 20%, 88%
XYZ	52.1600, 49.5481, 78.0488
YIQ	189.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

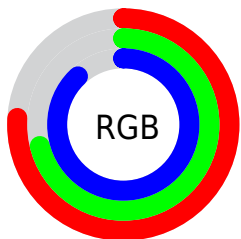
Format	Color
RYB	194, 180, 225
Decimal	12760289
CIELab	75.79, 13.71, -20.73
CIELCh	76, 24.852, 303.472
Yxy	49.5481, 0.2902, 0.2756
Android (android.graphics.Color)	4290950369 (0xFFC2B4E1)
YUV	189.3160, 17.5922, 4.1079
Hunter-Lab	70.3904, 9.0871, -16.4674

Details

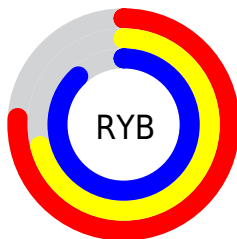
The YUV color **189.3160, 17.5922, 4.1079** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **215.6840, -17.5922, -4.1079**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6510, 6.0881, 7.3221**, and **135.7890, 16.8660, 3.6930** is the 20% darker color. If you saturate the color by 10%, you get **171.9170, 26.1699, 6.2118**, and if you desaturate by 10%, it is **207.6010, 8.5777, 2.1039**.

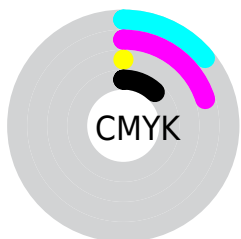
Distribution



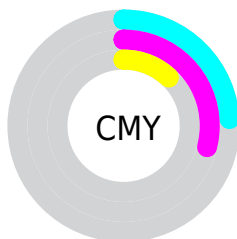
- Red (76%)
- Green (71%)
- Blue (88%)



- Red (76%)
- Yellow (71%)
- Blue (88%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)





- Cyan (24%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3160, 17.5922, 4.1079 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 189.3160, 17.5922, 4.1079 by changing the saturation by 10% instead.

 189.3160, 17.5922,
4.1079


 189.3160, 17.5922,
4.1079


255.0000, 0.0000,
0.0000


 162.2020, 17.1554,
4.2078


 242.6510, 6.0881,
7.3221

 135.7890, 16.8660,
3.6930

 110.2620, 16.1398,
3.2782

 85.7350, 15.4136,
2.8634

 62.3220, 15.1243,
2.3486

 40.3820, 14.1087,
1.4190

 19.1540, 13.2351,

1.6189

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 189.3160, 17.5922,
4.1079

■ 189.3160, 17.5922,
4.1079

■ 171.9170, 26.1699,
6.2118

■ 207.6010, 8.5777,
2.1039

■ 153.6320, 35.1844,
8.2157

■ 225.0000, 0.0000,
0.0000

■ 135.9340, 43.9095,
9.7049

■ 243.2850, -9.0145,
-2.0039

■ 117.9480, 52.7766,
12.3236

■ 251.5800,
-13.1039, 2.9993

■ 100.2500, 61.5018,
13.8127

■ 82.2640, 70.3688,
16.4315

■ 63.9790, 79.3834,
18.4354

■ 46.5800, 87.9611,
20.5393

Harmonies

Analogous

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



185.5410, 22.9043, -19.7685



189.3160, 17.5922, 4.1079



190.7440, 8.5072, 24.7805

Triad

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



189.3160, 17.5922, 4.1079



187.2090, -20.3160, 29.6347



177.5170, 5.6611, -42.5494

Complementary

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



189.3160, 17.5922, 4.1079



215.6840, -17.5922, -4.1079

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.



180.0000, -6.9020, -26.3100



189.3160, 17.5922, 4.1079



185.3550, -21.8670, 13.7207

Square

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



189.3160, 17.5922, 4.1079



189.2130, -12.9230, 38.4012



182.7870, -17.1500, -5.9522



177.0460, 16.7393, -49.1523

Rectangle

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



189.3160, 17.5922, 4.1079



190.8500, 1.0599, 33.4575



182.7870, -17.1500, -5.9522



178.3990, 1.2823, -38.0609

Sweetspot

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



189.3160, 17.5922, 4.1079



242.9060, 5.9623, 0.9594



203.3270, 10.6848, -20.4578



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.



189.3160, 17.5922, 4.1079



206.6350, 23.8439, 5.5821



195.8940, 14.3493, 17.6330



103.1510, 4.3626, 0.7446



36.5090, 68.7691, 16.2166



9.9570, 18.7552, 4.4227

Inverse Universe

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



196.9890, 6.9074, 24.5656



217.0270, 9.3537, 33.3023



209.1060, -14.3493, -17.6330



105.2010, 1.8729, 5.9627



66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 189.3160, 17.5922, 4.1079 looks on a white background.

Color Contrast Check

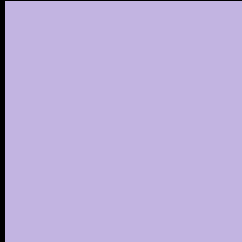
Large Text (above 18pt) WCAG AA × Fail

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 189.3160, 17.5922, 4.1079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

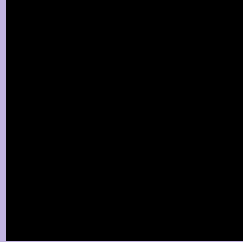
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3160, 17.5922, 4.1079

Background



This preview shows how black text looks on a background with the YUV color 189.3160, 17.5922, 4.1079.



This preview shows how white text looks on a background with the YUV color 189.3160, 17.5922,

4.1079.

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

189.3160, 17.5922, 4.1079

Protanopia

187.5100, 19.9616, -9.2173

Deuteranopia

188.5710, 17.4665, -2.2548



Tritanopia

188.0910, 5.3781, 1.6742

Trichromacy



Original Color

189.3160, 17.5922, 4.1079

Protanomaly

188.0160, 19.2191, -4.3990

Deuteranomaly

188.8810, 17.3137, 0.1044

Tritanomaly

188.2420, 9.7407, 2.4188

Monochromacy



Original Color

189.3160, 17.5922, 4.1079

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.3190, 6.2517, 1.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3160, 17.5922, 4.1079 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(194, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 225)  
}
```

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(194, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 225) }
```

Border

The CSS property to change the border of an element to YUV 189.3160, 17.5922, 4.1079 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(194, 180, 225) }
```


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

```
.border{ border-color:rgb(194, 180, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 189.3160, 17.5922, 4.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 225) }
```

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

```
.background{ background-color: rgb(194,  
180, 225) }
```

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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