

Converting Colors

YUV(205.8860, 19.7762, 3.6080)

Have a look what the booklet for
YUV(205.8860, 19.7762, 3.6080)
contains.

YUV(205.8860, 19.7762, 3.6080)	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(205.8860, 19.7762,
3.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C4F6
RGB	210, 196, 246
RGB Percent	82%, 77%, 96%
CMY	0.1765, 0.2314, 0.0353
CMYK	0.15, 0.20, 0.00, 0.04
HSL	257°, 74%, 87%
HSV	257°, 20%, 96%
XYZ	62.9528, 59.8353, 95.4202
YIQ	205.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

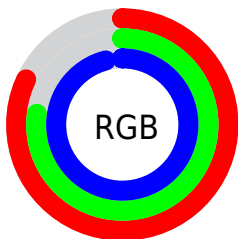
Format	Color
R _Y B	210, 196, 246
Decimal	13812982
CIE Lab	81.75, 14.51, -22.86
CIE LCh	82, 27.077, 302.408
Yxy	59.8353, 0.2885, 0.2742
Android (android.graphics.Color)	4292003062 (0xFFD2C4F6)
YUV	205.8860, 19.7762, 3.6080
Hunter-Lab	77.3533, 9.9013, -18.9907

Details

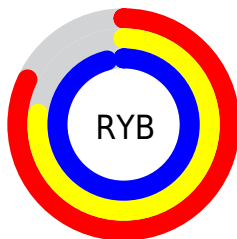
The YUV color $205.8860, 19.7762, 3.6080$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.1140, -19.7762, -3.6080$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $151.3590, 19.0500, 3.1932$ is the 20% darker color. If you saturate the color by 10%, you get $185.8290, 29.6643, 5.4120$, and if you desaturate by 10%, it is $225.9430, 9.8881, 1.8040$.

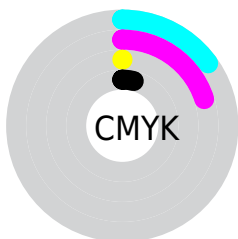
Distribution



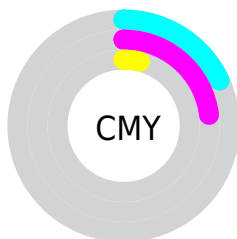
- Red (82%)
- Green (77%)
- Blue (96%)



- Red (82%)
- Yellow (77%)
- Blue (96%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8860, 19.7762, 3.6080 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 205.8860, 19.7762, 3.6080 by changing the saturation by 10% instead.

■ 205.8860, 19.7762,
3.6080

■ 205.8860, 19.7762,
3.6080

■ 255.0000, 0.0000,
0.0000

■ 178.3590, 19.0500,
3.1932

■ 253.8260, 0.5788,
1.0296

■ 151.3590, 19.0500,
3.1932

■ 125.7180, 17.8870,
2.8783

■ 100.3050, 17.5976,
2.3635

■ 76.1910, 17.1608,
2.4635

■ 53.2510, 16.1453,
1.5339

■ 31.4250, 15.5665,

0.5043

■ 8.5610, 15.9924,
3.8930

■ 2.7530, 8.0098,
-2.4144

■ 205.8860, 19.7762,
3.6080

■ 205.8860, 19.7762,
3.6080

■ 185.8290, 29.6643,
5.4120

■ 225.9430, 9.8881,
1.8040

■ 166.6580, 39.1156,
7.3159

■ 245.1140, 0.4368,
-0.1000

■ 146.6010, 49.0037,
9.1199

■ 253.9740, -3.9312,
0.8998

■ 127.1310, 58.6024,
10.4091

■ 107.0740, 68.4905,
12.2131

■ 87.3160, 78.2312,
14.6319

■ 67.8460, 87.8299,
15.9211

■ 48.6750, 97.2812,
17.8250

Harmonies

Analogous

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



201.5020, 25.3885, -23.2423



205.8860, 19.7762, 3.6080



207.3960, 9.6648, 26.8397

Triad

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



205.8860, 19.7762, 3.6080



204.3620, -22.3635, 33.0085



192.7830, 5.5300, -47.1677

Complementary

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



205.8860, 19.7762, 3.6080



236.1140, -19.7762, -3.6080

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.



195.3480, -8.0596, -28.3692



205.8860, 19.7762, 3.6080



201.7960, -24.0564, 15.9649

Square

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



205.8860, 19.7762, 3.6080



205.8930, -14.2442, 42.1898



198.9180, -19.1866, -6.0671



192.3550, 18.0660, -54.6853

Rectangle

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



205.8860, 19.7762, 3.6080



207.3990, 1.7753, 37.3611



198.9180, -19.1866, -6.0671



193.3770, 1.2931, -41.5496

Sweetspot

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



205.8860, 19.7762, 3.6080



242.9060, 5.9623, 0.9594



223.4190, 11.1324, -24.0465



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.



205.8860, 19.7762, 3.6080



206.0370, 24.1388, 4.3526



213.0620, 16.2384, 18.3626



112.5640, 4.6519, 1.2594



36.7520, 73.5793, 13.3725



11.5100, 23.4126, 3.9377

Inverse Universe

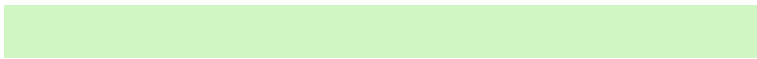
The Inverse Universe completely reimagines the original color for something new.



215.0540, 8.3544, 27.1396



217.2550, 10.2273, 33.1024



228.9380, -16.2384, -18.3626



114.6140, 2.1623, 6.4775



70.8900, 31.1132, 100.9515



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 205.8860, 19.7762, 3.6080 looks on a white background.

Color Contrast Check

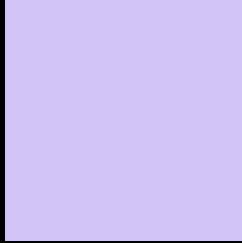
Large Text (above 18pt) WCAG AA × Fail

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 205.8860, 19.7762, 3.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

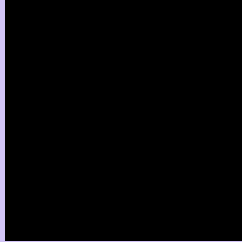
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.8860, 19.7762, 3.6080

Background



This preview shows how black text looks on a background with the YUV color 205.8860, 19.7762, 3.6080.



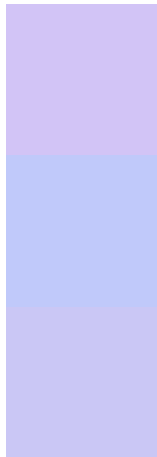
This preview shows how white text looks on a background with the YUV color 205.8860, 19.7762,

3.6080.

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

205.8860, 19.7762, 3.6080

Protanopia

203.8950, 22.7298, -10.4319

Deuteranopia

205.1410, 19.6505, -2.7547



Tritanopia

204.0200, 6.3991, 0.8595

Trichromacy



Original Color

205.8860, 19.7762, 3.6080

Protanomaly

204.7000, 21.8399, -4.9989

Deuteranomaly

205.4510, 19.4977, -0.3955

Tritanomaly

204.6980, 11.4879, 2.0189

Monochromacy



Original Color

205.8860, 19.7762, 3.6080

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.6610, 7.5621, 1.1743

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8860, 19.7762, 3.6080 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(210, 196, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 246)  
}
```

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(210, 196, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 246) }
```

Border

The CSS property to change the border of an element to YUV 205.8860, 19.7762, 3.6080 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(210, 196, 246) }
```


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

```
.border{ border-color:rgb(210, 196, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 205.8860, 19.7762, 3.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 246) }
```

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

```
.background{ background-color: rgb(210,  
196, 246) }
```

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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