

Converting Colors

YUV(193.6220, -10.1666,
-5.8075)

Have a look what the booklet for
YUV(193.6220, -10.1666, -5.8075)
contains.

YUV(193.6220, -10.1666, -5.8075)	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(193.6220, -10.1666,
-5.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC9AD
RGB	187, 201, 173
RGB Percent	73%, 79%, 68%
CMY	0.2667, 0.2118, 0.3216
CMYK	0.07, 0.00, 0.14, 0.21
HSL	90°, 21%, 73%
HSV	90°, 14%, 79%
XYZ	48.9230, 55.3552, 47.6413
YIQ	193.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

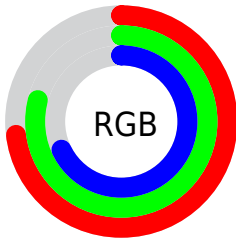
Format	Color
RYB	173, 201, 187
Decimal	12306861
CIELab	79.25, -9.83, 12.38
CIELCh	79, 15.811, 128.454
Yxy	55.3552, 0.3220, 0.3644
Android (android.graphics.Color)	4290496941 (0xFFBBC9AD)
YUV	193.6220, -10.1666, -5.8075
Hunter-Lab	74.4011, -12.8279, 14.1156

Details

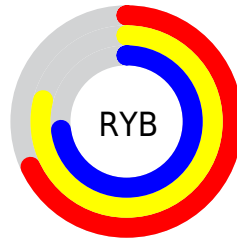
The YUV color $193.6220, -10.1666, -5.8075$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.3780, 10.1666, 5.8075$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.3340, -10.0247, -4.6779$, and $140.1490, -9.4405, -5.3927$ is the 20% darker color. If you saturate the color by 10%, you get $188.3520, -17.4285, -9.9557$, and if you desaturate by 10%, it is $198.8920, -2.9048, -1.6593$.

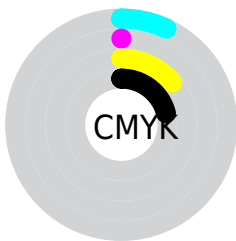
Distribution



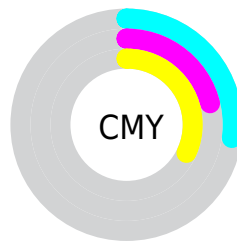
- Red (73%)
- Green (79%)
- Blue (68%)



- Red (68%)
- Yellow (79%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6220, -10.1666, -5.8075 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 193.6220, -10.1666, -5.8075 by changing the saturation by 10% instead.

■ 193.6220,
-10.1666, -5.8075

■ 193.6220,
-10.1666, -5.8075

255.0000, 0.0000,
0.0000

■ 166.6220,
-10.1666, -5.8075

■ 248.3340,
-10.0247, -4.6779

■ 140.1490, -9.4405,
-5.3927

■ 114.2630, -9.0037,
-5.4927

■ 89.6760, -8.7143,
-4.9779

■ 66.6760, -8.7143,
-4.9779

■ 44.2030, -7.9881,
-4.5630

■ 23.0460, -9.8827,

-3.5483

■ 0.0000, 0.0000,
0.0000

■ 193.6220,
-10.1666, -5.8075

■ 193.6220,
-10.1666, -5.8075

■ 188.3520,
-17.4285, -9.9557

■ 198.8920, -2.9048,
-1.6593

■ 183.0820,
-24.6904, -14.1039

■ 204.1620, 4.3571,
2.4889

■ 177.8120,
-31.9523, -18.2521

■ 209.4320, 11.6190,
6.6371

■ 172.5420,
-39.2142, -22.4003

■ 214.7020, 18.8809,
10.7853

■ 167.2720,
-46.4761, -26.5485

■ 217.9200, 18.2804,
16.7332

■ 161.8880,
-54.1748, -30.5968

■ 220.9100, 16.8064,
22.8809

■ 156.6180,
-61.4367, -34.7450

■ 223.3020, 15.6271,
27.7991

■ 151.3480,
-68.6986, -38.8932

■ 147.8870,
-72.9083, -41.9969

Harmonies

Analogous

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



195.6730, -14.1358, 7.3028



193.6220, -10.1666, -5.8075



191.9670, -3.4347, -18.3881

Triad

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



193.6220, -10.1666, -5.8075



193.6410, 14.4740, -22.4872



199.0570, -2.9861, 24.5060

Complementary

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



193.6220, -10.1666, -5.8075



180.3780, 10.1666, 5.8075

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.



198.8480, 4.0189, 17.6733



193.6220, -10.1666, -5.8075



196.3160, 14.1412, -9.0471

Square

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



193.6220, -10.1666, -5.8075



191.6850, 11.0013, -28.6647



198.0790, 10.3141, 5.1927



198.3360, -9.5326, 24.2613

Rectangle

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



193.6220, -10.1666, -5.8075



191.3020, 1.8231, -24.8209



198.0790, 10.3141, 5.1927



199.0290, -0.5073, 22.7766

Sweetspot

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



193.6220, -10.1666, -5.8075



252.3650, -3.6309, -2.0741



189.5900, -8.1789, 10.0066



126.0060, -2.4680, -1.7593



0.0000, 0.0000, 0.0000



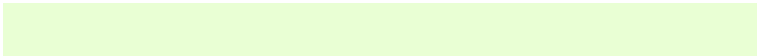
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193.6220, -10.1666, -5.8075



243.5200, -15.5394, -9.2260



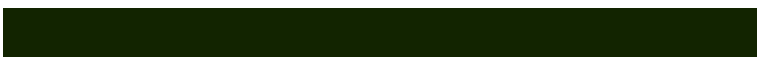
189.4360, -8.1029, -14.4144



96.4790, -3.1941, -2.1741



120.1990, -59.2581, -33.5005



26.5140, -13.0714, -7.4668

Inverse Universe

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



180.3780, 10.1666, 5.8075



223.1810, 15.6868, 8.6113



184.5640, 8.1029, 14.4144



92.2220, 3.3416, 1.5593



43.1000, 59.1107, 34.1153



9.4860, 13.0714, 7.4668

Previews

White Background



This preview shows how the YUV color 193.6220, -10.1666, -5.8075 looks on a white background.

Color Contrast Check

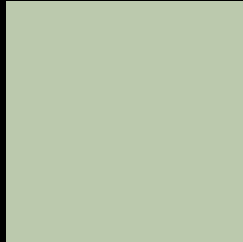
Large Text (above 18pt) WCAG AA × Fail

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 193.6220, -10.1666, -5.8075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

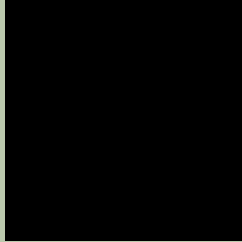
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

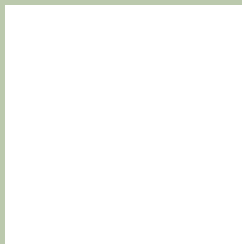
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.6220, -10.1666, -5.8075

Background



This preview shows how black text looks on a background with the YUV color 193.6220, -10.1666, -5.8075.



This preview shows how white text looks on a background with the YUV color 193.6220, -10.1666, -5.8075.

-5.8075.

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

193.6220, -10.1666, -5.8075

Protanopia

195.1400, -12.3940, 8.6472

Deuteranopia

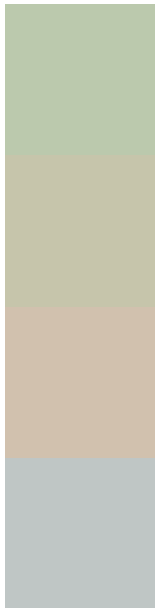
197.2710, -10.9796, 21.6873



Tritanopia

196.8130, 6.9942, -3.3440

Trichromacy



Original Color

193.6220, -10.1666, -5.8075

Protanomaly

194.3350, -11.5042, 3.2142

Deuteranomaly

195.6180, -10.6577, 11.7360

Tritanomaly

195.7930, 0.5951, -4.2035

Monochromacy



Original Color

193.6220, -10.1666, -5.8075

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6220, -10.1666, -5.8075 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, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 173)  
}
```

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, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 173) }
```

Border

The CSS property to change the border of an element to YUV 193.6220, -10.1666, -5.8075 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, 201, 173) }
```


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

```
.border{ border-color:rgb(187, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 193.6220, -10.1666, -5.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 173) }
```

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

```
.background{ background-color: rgb(187,  
201, 173) }
```

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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