

Converting Colors

YUV(187.9820, 20.7149,
-17.5242)

Have a look what the booklet for
YUV(187.9820, 20.7149, -17.5242)
contains.

YUV(187.9820, 20.7149, -17.5242)	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(187.9820, 20.7149,
-17.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BEE6
RGB	168, 190, 230
RGB Percent	66%, 75%, 90%
CMY	0.3412, 0.2549, 0.0980
CMYK	0.27, 0.17, 0.00, 0.10
HSL	219°, 55%, 78%
HSV	219°, 27%, 90%
XYZ	48.8448, 50.8649, 82.1064
YIQ	187.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

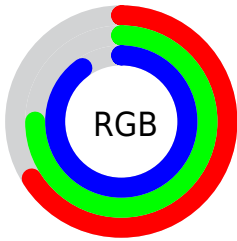
Format	Color
R _Y B	168, 184, 230
Decimal	11058918
CIE Lab	76.60, 1.37, -22.39
CIE LCh	77, 22.433, 273.499
Yxy	50.8649, 0.2686, 0.2798
Android (android.graphics.Color)	4289248998 (0xFFA8BEE6)
YUV	187.9820, 20.7149, -17.5242
Hunter-Lab	71.3196, -2.5597, -18.3336

Details

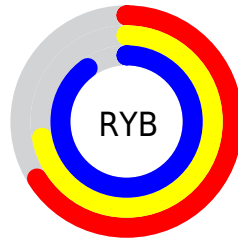
The YUV color $187.9820, 20.7149, -17.5242$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $210.0180, -20.7149, 17.5242$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.4480, 7.1741, -14.4249$, and $134.6400, 19.4045, -17.2243$ is the 20% darker color. If you saturate the color by 10%, you get $172.3000, 28.4461, -23.9421$, and if you desaturate by 10%, it is $203.6640, 12.9836, -11.1063$.

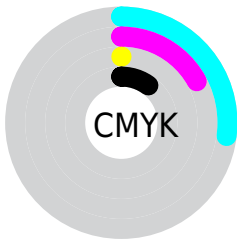
Distribution



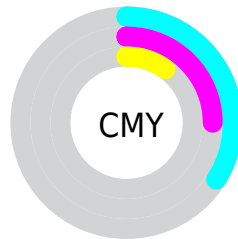
- Red (66%)
- Green (75%)
- Blue (90%)



- Red (66%)
- Yellow (72%)
- Blue (90%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9820, 20.7149, -17.5242 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 187.9820, 20.7149, -17.5242 by changing the saturation by 10% instead.

■ 187.9820, 20.7149,
-17.5242

■ 187.9820, 20.7149,
-17.5242

■ 255.0000, 0.0000,
0.0000

■ 160.8680, 20.2781,
-17.4242

■ 240.4480, 7.1741,
-14.4249

■ 134.6400, 19.4045,
-17.2243

■ 254.4020, 0.2948,
-1.2296

■ 108.6400, 19.4045,
-17.2243

■ 84.1130, 18.6783,
-17.6391

■ 60.2870, 18.0995,
-18.6687

■ 36.2650, 18.1104,
-22.1574

■ 18.6140, 15.4733,

-16.3245

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 187.9820, 20.7149,
-17.5242

■ 187.9820, 20.7149,
-17.5242

■ 172.3000, 28.4461,
-23.9421

■ 203.6640, 12.9836,
-11.1063

■ 156.6180, 36.1773,
-30.3600

■ 219.3460, 5.2524,
-4.6884

■ 140.9360, 43.9086,
-36.7779

■ 235.0280, -2.4788,
1.7294

■ 125.8410, 51.3504,
-43.7106

■ 248.6280, -9.1836,
5.5882

■ 110.1590, 59.0816,
-50.1284

■ 252.1500,
-10.9200, 2.4994

■ 94.4770, 66.8128,
-56.5463

■ 78.7950, 74.5441,
-62.9642

■ 74.3540, 76.7335,
-65.2085

Harmonies

Analogous

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



183.4590, 20.4797, -35.4825



187.9820, 20.7149, -17.5242



191.5610, 15.9924, 3.8930

Triad

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



187.9820, 20.7149, -17.5242



191.4190, -12.0386, 34.7125



182.8370, -6.3286, -23.5360

Complementary

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



187.9820, 20.7149, -17.5242



210.0180, -20.7149, 17.5242

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.



185.5420, -15.5502, -5.7373



187.9820, 20.7149, -17.5242



190.3550, -18.4160, 26.8757

Square

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



187.9820, 20.7149, -17.5242



192.2260, -2.5764, 33.1278



187.6260, -19.5356, 12.6060



181.0230, 4.9187, -37.7312

Rectangle

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



187.9820, 20.7149, -17.5242



192.8570, 10.4235, 16.7884



187.6260, -19.5356, 12.6060



183.9580, -9.8393, -17.5032

Sweetspot

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



187.9820, 20.7149, -17.5242



241.3890, 6.7102, -5.6032



208.8400, -0.9071, -35.8167



118.8300, 4.5208, -3.3589



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.



187.9820, 20.7149, -17.5242



199.3710, 27.4251, -23.1274



177.4600, 25.9022, -1.2804



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



189.0460, 0.4703, 35.9167



200.8240, 0.5798, 47.5124



220.5400, -25.9022, 1.2804



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 187.9820, 20.7149, -17.5242 looks on a white background.

Color Contrast Check

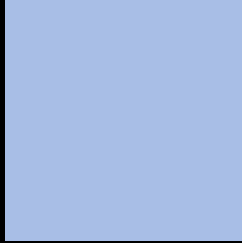
Large Text (above 18pt) WCAG AA × Fail

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 187.9820, 20.7149, -17.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

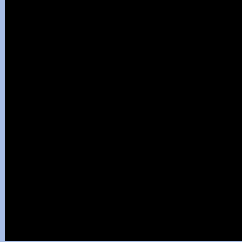
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.9820, 20.7149, -17.5242

Background



This preview shows how black text looks on a background with the YUV color 187.9820, 20.7149, -17.5242.



This preview shows how white text looks on a background with the YUV color 187.9820, 20.7149, -17.5242.

-17.5242.

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

187.9820, 20.7149, -17.5242

Protanopia

189.5810, 18.9406, -8.4025

Deuteranopia

190.5430, 19.9453, -3.9842



Tritanopia

186.7400, 10.9742, -19.9430

Trichromacy



Original Color

187.9820, 20.7149, -17.5242

Protanomaly

189.0860, 19.6776, -11.4764

Deuteranomaly

189.6240, 20.3984, -9.3172

Tritanomaly

187.3640, 14.6105, -19.6132

Monochromacy



Original Color

187.9820, 20.7149, -17.5242

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9820, 20.7149, -17.5242 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(168, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(168, 190, 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(168, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 230) }
```

Border

The CSS property to change the border of an element to YUV 187.9820, 20.7149, -17.5242 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(168, 190, 230) }
```


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

```
.border{ border-color:rgb(168, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 230);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 187.9820, 20.7149, -17.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 190, 230) }
```

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

```
.background{ background-color: rgb(168,  
190, 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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