

Converting Colors

YUV(188.2060, -22.7796,
-20.3517)

Have a look what the booklet for
YUV(188.2060, -22.7796, -20.3517)
contains.

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Color

**YUV(188.2060, -22.7796,
-20.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D18E
RGB	165, 209, 142
RGB Percent	65%, 82%, 56%
CMY	0.3529, 0.1804, 0.4431
CMYK	0.21, 0.00, 0.32, 0.18
HSL	99°, 42%, 69%
HSV	99°, 32%, 82%
XYZ	43.2000, 55.5533, 34.0372
YIQ	188.2060, -4.7170, -30.1650

Conversions

Conversions Part 2

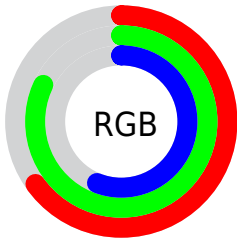
Format	Color
RYB	142, 209, 186
Decimal	10867086
CIELab	79.36, -26.60, 28.68
CIELCh	79, 39.113, 132.848
Yxy	55.5533, 0.3253, 0.4184
Android (android.graphics.Color)	4289057166 (0xFFA5D18E)
YUV	188.2060, -22.7796, -20.3517
Hunter-Lab	74.5341, -26.9759, 25.0981

Details

The YUV color **188.2060, -22.7796, -20.3517** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **162.7940, 22.7796, 20.3517**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1080, -20.7592, -15.0037**, and **134.2600, -21.3272, -19.5220** is the 20% darker color. If you saturate the color by 10%, you get **181.6260, -29.8886, -26.8590**, and if you desaturate by 10%, it is **194.7860, -15.6705, -13.8443**.

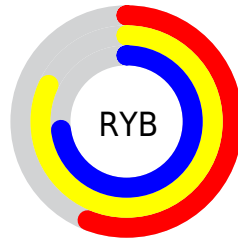
Distribution



Red (65%)

Green (82%)

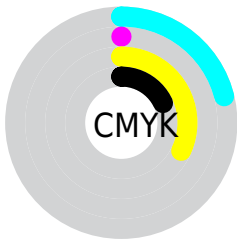
Blue (56%)



Red (56%)

Yellow (82%)

Blue (73%)

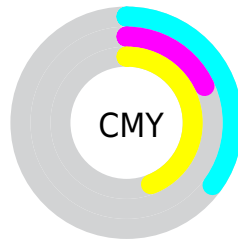


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2060, -22.7796, -20.3517 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 188.2060, -22.7796, -20.3517 by changing the saturation by 10% instead.

■ 188.2060,
-22.7796, -20.3517

■ 188.2060,
-22.7796, -20.3517

255.0000, 0.0000,
0.0000

■ 160.7330,
-22.0534, -19.9368

■ 238.1080,
-20.7592, -15.0037

■ 134.2600,
-21.3272, -19.5220

■ 249.9710,
-12.8037, 0.0254

■ 108.4880,
-20.4536, -19.7220

■ 254.7720, -0.8736,
0.2000

■ 84.0150, -19.7274,
-19.3072

■ 59.8300, -19.1432,
-20.0219

■ 36.1720, -17.8328,
-20.3218

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 188.2060,
-22.7796, -20.3517

■ 188.2060,
-22.7796, -20.3517

■ 181.6260,
-29.8886, -26.8590

■ 194.7860,
-15.6705, -13.8443

■ 175.3450,
-37.1451, -32.7516

■ 201.0670, -8.4140,
-7.9518

■ 168.7650,
-44.2541, -39.2589

■ 207.6470, -1.3050,
-1.4444

■ 162.1850,
-51.3632, -45.7662

■ 214.2270, 5.8041,
5.0629

■ 155.6050,
-58.4723, -52.2736

■ 220.8070, 12.9131,
11.5703

■ 149.4380,
-65.2919, -58.2661

■ 225.6060, 14.4912,
18.7625

■ 144.2110,
-71.0960, -63.3290

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



192.6570, -33.3549, 11.7018



188.2060, -22.7796, -20.3517



181.9210, -3.9051, -54.3047

Triad

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



188.2060, -22.7796, -20.3517



183.1810, 35.4068, -63.3027



196.1960, -6.9986, 51.5711

Complementary

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



188.2060, -22.7796, -20.3517



162.7940, 22.7796, 20.3517

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.



201.5880, 8.5841, 46.8423



188.2060, -22.7796, -20.3517



194.3650, 29.8931, -21.3681

Square

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



188.2060, -22.7796, -20.3517



172.3850, 35.7992, -95.9306



201.4130, 23.9534, 17.1778



195.9560, -23.1493, 51.7816

Rectangle

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



188.2060, -22.7796, -20.3517



176.3880, 11.1477, -75.7623



201.4130, 23.9534, 17.1778



197.5640, -1.7571, 50.3714

Sweetspot

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



188.2060, -22.7796, -20.3517



247.0670, -8.4140, -7.9518



187.8610, -22.6095, 18.5389



122.8870, -5.3673, -5.1629



0.0000, 0.0000, 0.0000



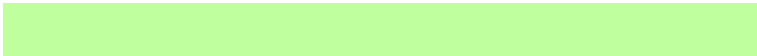
128.0000, 0.0000, 0.0000

Same Dimension

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



188.2060, -22.7796, -20.3517



224.8060, -32.9354, -29.6479



182.4690, -15.0212, -35.4913



101.6530, -3.7729, -3.2037



115.9580, -57.1673, -50.8292



28.2530, -13.9287, -12.4999

Inverse Universe

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



162.7940, 22.7796, 20.3517



188.1940, 32.9354, 29.6479



168.5310, 15.0212, 35.4913



97.3470, 3.7729, 3.2037



52.3410, 57.0199, 51.4439



12.7470, 13.9287, 12.4999

Previews

White Background



This preview shows how the YUV color 188.2060, -22.7796, -20.3517 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 188.2060, -22.7796, -20.3517 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 188.2060, -22.7796, -20.3517 Background



This preview shows how black text looks on a background with the YUV color 188.2060, -22.7796, -20.3517.



This preview shows how white text looks on a background with the YUV color 188.2060, -22.7796, -20.3517.

-20.3517.

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

188.2060, -22.7796, -20.3517

Protanopia

193.9440, -28.5664, 15.8351

Deuteranopia

196.1830, -24.2472, 30.5345



Tritanopia

194.9470, 10.3791, -15.7395

Trichromacy



Original Color

188.2060, -22.7796, -20.3517

Protanomaly

192.0240, -26.6338, 2.6100

Deuteranomaly

193.4750, -23.8982, 11.8614

Tritanomaly

192.4340, -1.6930, -17.0436

Monochromacy



Original Color

188.2060, -22.7796, -20.3517

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3660, -8.5614, -7.3370

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2060, -22.7796, -20.3517 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(165, 209, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 142)  
}
```

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(165, 209, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 142) }
```

Border

The CSS property to change the border of an element to YUV 188.2060, -22.7796, -20.3517 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(165, 209, 142) }
```


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

```
.border{ border-color:rgb(165, 209, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 209, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 209, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 209, 142); box-shadow:4px 4px 4px 4px rgb(165, 209, 142) }
```

Background

The CSS property to change the background color of an element to YUV 188.2060, -22.7796, -20.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 142) }
```

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

```
.background{ background-color: rgb(165,  
209, 142) }
```

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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