

Converting Colors

YUV(206.2990, 13.1636,
-22.1872)

Have a look what the booklet for
YUV(206.2990, 13.1636, -22.1872)
contains.

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Color

**YUV(206.2990, 13.1636,
-22.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D6E9
RGB	181, 214, 233
RGB Percent	71%, 84%, 91%
CMY	0.2902, 0.1608, 0.0863
CMYK	0.22, 0.08, 0.00, 0.09
HSL	202°, 54%, 81%
HSV	202°, 22%, 91%
XYZ	57.8106, 63.8001, 86.3585
YIQ	206.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

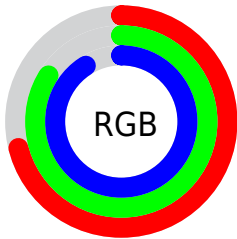
Format	Color
R _Y B	181, 201, 233
Decimal	11917033
CIE Lab	83.86, -6.80, -12.96
CIE LCh	84, 14.632, 242.301
Yxy	63.8001, 0.2780, 0.3068
Android (android.graphics.Color)	4290107113 (0xFFB5D6E9)
YUV	206.2990, 13.1636, -22.1872
Hunter-Lab	79.8750, -10.5893, -8.1902

Details

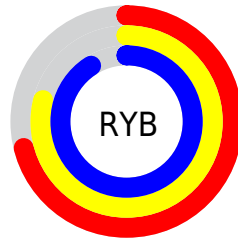
The YUV color $206.2990, 13.1636, -22.1872$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $207.7010, -13.1636, 22.1872$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $151.4840, 12.5794, -21.4725$ is the 20% darker color. If you saturate the color by 10%, you get $194.1390, 19.1585, -31.6939$, and if you desaturate by 10%, it is $218.4590, 7.1687, -12.6805$.

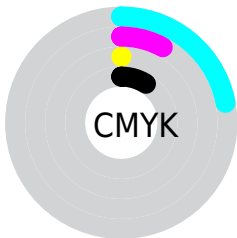
Distribution



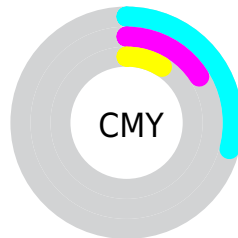
- Red (71%)
- Green (84%)
- Blue (91%)



- Red (71%)
- Yellow (79%)
- Blue (91%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2990, 13.1636, -22.1872 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 206.2990, 13.1636, -22.1872 by changing the saturation by 10% instead.

■ 206.2990, 13.1636,
-22.1872

■ 206.2990, 13.1636,
-22.1872

255.0000, 0.0000,
0.0000

■ 178.5980, 13.0162,
-21.5724

■ 249.9170, 2.5059,
-10.4512

■ 151.4840, 12.5794,
-21.4725

■ 125.4840, 12.5794,
-21.4725

■ 100.3700, 12.1426,
-21.3725

■ 76.2560, 11.7058,
-21.2725

■ 52.8430, 11.4164,
-21.7873

■ 29.2340, 11.7166,

-24.7612

■ 14.8010, 8.4791,
-12.9805

■ 0.6840, 2.6208,
-0.5999

■ 206.2990, 13.1636,
-22.1872

■ 206.2990, 13.1636,
-22.1872

■ 194.1390, 19.1585,
-31.6939

■ 218.4590, 7.1687,
-12.6805

■ 182.2670, 25.0114,
-42.3302

■ 230.3310, 1.3158,
-2.0443

■ 170.1070, 31.0062,
-51.8368

■ 242.4910, -4.6791,
7.4624

■ 158.5340, 36.7117,
-61.8583

■ 248.3830, -7.5838,
5.8031

■ 146.3740, 42.7066,
-71.3650

■ 252.4920, -9.6096,
2.1995

■ 134.5020, 48.5595,
-82.0013

■ 122.3420, 54.5544,
-91.5079

■ 113.4380, 58.9441,
-99.4851

Harmonies

Analogous

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



204.8270, 8.9593, -27.0353



206.2990, 13.1636, -22.1872



208.7780, 13.4204, -11.2063

Triad

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



206.2990, 13.1636, -22.1872



211.9750, -1.9597, 21.9469



207.2310, -10.4669, -2.8336

Complementary

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



206.2990, 13.1636, -22.1872



207.7010, -13.1636, 22.1872

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.



208.3250, -12.9782, 9.3620



206.2990, 13.1636, -22.1872



211.3790, -8.0748, 23.3466

Square

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



206.2990, 13.1636, -22.1872



211.4670, 5.1928, 14.4994



210.2060, -12.4266, 19.1133



205.3480, -4.6086, -15.2142

Rectangle

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



206.2990, 13.1636, -22.1872



210.0780, 11.7935, -2.6994



210.2060, -12.4266, 19.1133



207.3240, -11.4987, 1.4699

Sweetspot

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



206.2990, 13.1636, -22.1872



245.5090, 4.6791, -7.4624



213.5760, -7.1860, -28.5692



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



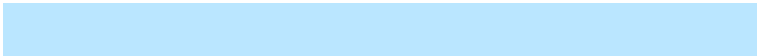
128.0000, 0.0000, 0.0000

Same Dimension

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



206.2990, 13.1636, -22.1872



219.6940, 17.4059, -29.5496



191.6240, 20.3984, -9.3172



111.3630, 2.7790, -4.7034



88.1390, 45.7805, -77.2979



26.1140, 13.7478, -22.9020

Inverse Universe

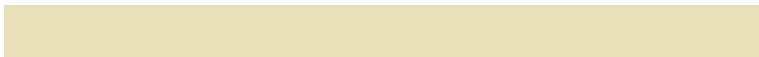
The Inverse Universe completely reimagines the original color for something new.



200.3100, 6.7492, 28.6691



211.6470, 9.0480, 38.0206



222.3760, -20.3984, 9.3172



110.0870, 1.4361, 6.0627



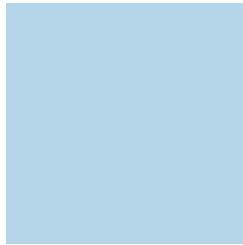
67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 206.2990, 13.1636, -22.1872 looks on a white background.

Color Contrast Check

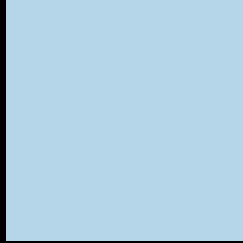
Large Text (above 18pt) WCAG AA × Fail

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 206.2990, 13.1636, -22.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

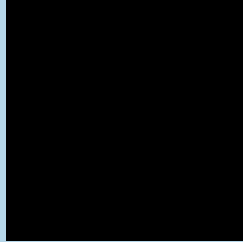
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.2990, 13.1636, -22.1872

Background



This preview shows how black text looks on a background with the YUV color 206.2990, 13.1636, -22.1872.



This preview shows how white text looks on a background with the YUV color 206.2990, 13.1636, -22.1872.

-22.1872.

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

206.2990, 13.1636, -22.1872

Protanopia

209.2090, 9.7570, -2.8143

Deuteranopia

210.5350, 12.0612, 4.7928



Tritanopia

206.0710, 12.2900, -21.9873

Trichromacy



Original Color

206.2990, 13.1636, -22.1872

Protanomaly

208.3930, 10.6523, -9.9917

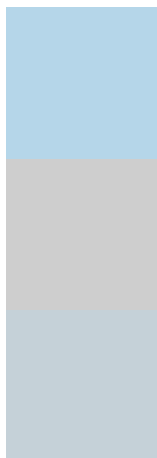
Deuteranomaly

208.8820, 12.3832, -5.1585

Tritanomaly

206.1850, 12.7268, -22.0872

Monochromacy



Original Color

206.2990, 13.1636, -22.1872

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2990, 13.1636, -22.1872 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(181, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 233)  
}
```

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(181, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 233) }
```

Border

The CSS property to change the border of an element to YUV 206.2990, 13.1636, -22.1872 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(181, 214, 233) }
```


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

```
.border{ border-color:rgb(181, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 206.2990, 13.1636, -22.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 233) }
```

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

```
.background{ background-color: rgb(181,  
214, 233) }
```

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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