

Converting Colors

YUV(204.6420, -10.6695,
-31.2580)

Have a look what the booklet for
YUV(204.6420, -10.6695, -31.2580)
contains.

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Color

**YUV(204.6420, -10.6695,
-31.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E3B7
RGB	169, 227, 183
RGB Percent	66%, 89%, 72%
CMY	0.3373, 0.1098, 0.2824
CMYK	0.26, 0.00, 0.19, 0.11
HSL	134°, 51%, 78%
HSV	134°, 26%, 89%
XYZ	52.3785, 66.7921, 54.9313
YIQ	204.6420, -20.4440, -25.9800

Conversions

Conversions Part 2

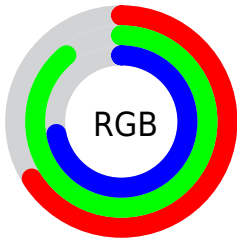
Format	Color
RYB	169, 216, 227
Decimal	11133879
CIELab	85.40, -27.14, 15.61
CIELCh	85, 31.305, 150.088
Yxy	66.7921, 0.3008, 0.3836
Android (android.graphics.Color)	4289323959 (0xFFA9E3B7)
YUV	204.6420, -10.6695, -31.2580
Hunter-Lab	81.7264, -28.6205, 17.3576

Details

The YUV color **204.6420, -10.6695, -31.2580** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191.3580, 10.6695, 31.2580**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2060, -2.5666, -16.8437**, and **149.8810, -9.8013, -29.7136** is the 20% darker color. If you saturate the color by 10%, you get **195.8270, -14.7047, -43.6983**, and if you desaturate by 10%, it is **213.4570, -6.6343, -18.8178**.

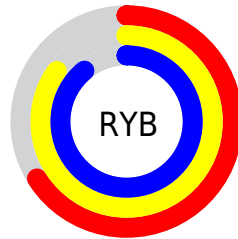
Distribution



Red (66%)

Green (89%)

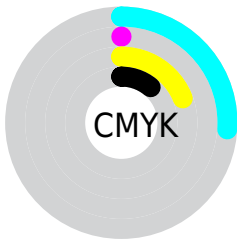
Blue (72%)



Red (66%)

Yellow (85%)

Blue (89%)

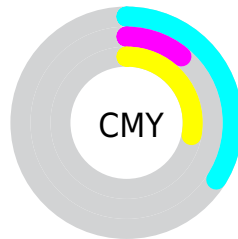


Cyan (26%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (34%)

Magenta (11%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6420, -10.6695, -31.2580 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 204.6420, -10.6695, -31.2580 by changing the saturation by 10% instead.

■ 204.6420,
-10.6695, -31.2580

■ 204.6420,
-10.6695, -31.2580

■ 255.0000, 0.0000,
0.0000

■ 177.0550,
-10.3801, -30.7432

■ 244.2060, -2.5666,
-16.8437

■ 149.8810, -9.8013,
-29.7136

■ 254.7010, 0.1474,
-0.6148

■ 123.9950, -9.3645,
-29.8136

■ 98.4080, -9.0751,
-29.2988

■ 73.6360, -8.2015,
-29.4988

■ 48.6680, -6.7383,
-32.1578

■ 29.1850, -7.4862,

-25.5952

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 204.6420,
-10.6695, -31.2580

■ 204.6420,
-10.6695, -31.2580

■ 195.8270,
-14.7047, -43.6983

■ 213.4570, -6.6343,
-18.8178

■ 187.3110,
-18.8873, -55.5237

■ 221.9730, -2.4517,
-6.9923

■ 178.3820,
-23.3593, -67.8640

■ 230.9020, 2.0203,
5.3479

■ 169.5670,
-27.3945, -80.3043

■ 238.2220, 6.7926,
14.7143

■ 161.0510,
-31.5771, -92.1297

■ 238.5640, 8.1029,
14.4144

■ 152.2360,
-35.6123, -104.5700

■ 143.3070,
-40.0844, -116.9102

■ 139.5190,
-41.6679, -122.3582

Harmonies

Analogous

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



208.8920, -23.1178, -5.1673



204.6420, -10.6695, -31.2580



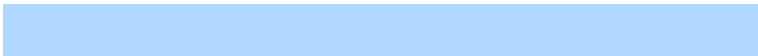
200.7390, 5.5517, -54.1451

Triad

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



204.6420, -10.6695, -31.2580



208.4860, 22.9314, -28.4902



211.2130, -12.9230, 38.4012

Complementary

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



204.6420, -10.6695, -31.2580



191.3580, 10.6695, 31.2580

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.



213.3450, 0.3229, 36.5314



204.6420, -10.6695, -31.2580



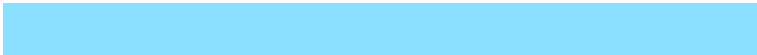
215.1740, 19.6342, 2.4784

Square

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



204.6420, -10.6695, -31.2580



202.1190, 26.0703, -55.3554



218.1020, 12.2747, 29.7285



213.4010, -24.8477, 36.4823

Rectangle

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



204.6420, -10.6695, -31.2580



199.2460, 16.6407, -64.2367



218.1020, 12.2747, 29.7285



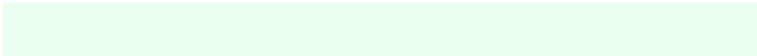
211.0650, -8.4130, 38.5310

Sweetspot

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



204.6420, -10.6695, -31.2580



247.3100, -3.6038, -10.7959



216.2020, -23.2706, -2.8082



122.9730, -2.4517, -6.9923



0.0000, 0.0000, 0.0000



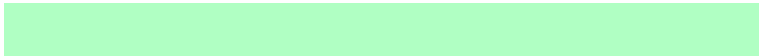
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6420, -10.6695, -31.2580



224.5390, -14.5627, -42.5687



207.9480, 1.9976, -34.1574



110.3860, -2.1623, -6.4775



109.9750, -33.0187, -96.4481



31.3050, -9.5174, -27.4545

Inverse Universe

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



191.3580, 10.6695, 31.2580



206.4610, 14.5627, 42.5687



188.0520, -1.9976, 34.1574



107.6140, 2.1623, 6.4775



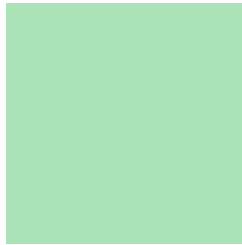
68.9110, 32.5819, 96.5481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 204.6420, -10.6695, -31.2580 looks on a white background.

Color Contrast Check

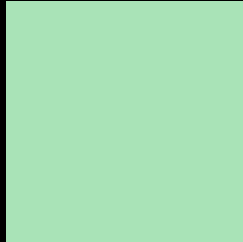
Large Text (above 18pt) WCAG AA × Fail

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 204.6420, -10.6695, -31.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

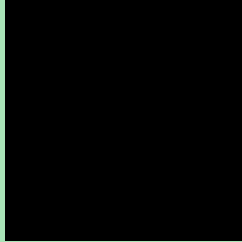
Any Text WCAG AA ✓ Pass

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 204.6420, -10.6695, -31.2580 Background



This preview shows how black text looks on a background with the YUV color 204.6420, -10.6695, -31.2580.



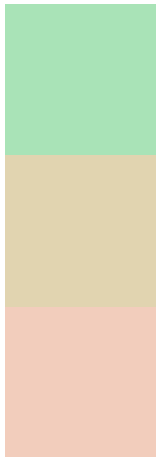
This preview shows how white text looks on a background with the YUV color 204.6420, -10.6695, -31.2580.

-31.2580.

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

204.6420, -10.6695, -31.2580

Protanopia

211.7830, -17.6410, 11.5913

Deuteranopia

214.1250, -12.8796, 24.4464



Tritanopia

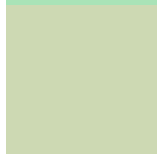
209.6790, 13.4693, -26.9055

Trichromacy



Original Color

204.6420, -10.6695, -31.2580



Protanomaly

209.0800, -14.8294, -3.5782



Deuteranomaly

210.5200, -12.0884, 3.9290



Tritanomaly

207.9640, 4.4547, -28.9094

Monochromacy



Original Color

204.6420, -10.6695, -31.2580



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.8970, -3.8932, -11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6420, -10.6695, -31.2580 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(169, 227, 183)` looks like.

```
.text, #text, p{  
    color:rgb(169, 227, 183)  
}
```

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(169, 227, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 227, 183) }
```

Border

The CSS property to change the border of an element to YUV 204.6420, -10.6695, -31.2580 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(169, 227, 183) }
```


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

```
.border{ border-color:rgb(169, 227, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 227, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 227, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 227, 183);  
box-shadow:4px 4px 4px 4px rgb(169, 227,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 204.6420, -10.6695, -31.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 227, 183) }
```

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

```
.background{ background-color: rgb(169,  
227, 183) }
```

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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