

Converting Colors

YUV(198.7590, -21.5732,
-33.9916)

Have a look what the booklet for
YUV(198.7590, -21.5732, -33.9916)
contains.

YUV(198.7590, -21.5732, -33.9916)	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(198.7590, -21.5732,
-33.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E39B
RGB	160, 227, 155
RGB Percent	63%, 89%, 61%
CMY	0.3725, 0.1098, 0.3922
CMYK	0.30, 0.00, 0.32, 0.11
HSL	116°, 56%, 75%
HSV	116°, 32%, 89%
XYZ	47.8827, 64.7783, 40.9901
YIQ	198.7590, -16.8200, -36.5960

Conversions

Conversions Part 2

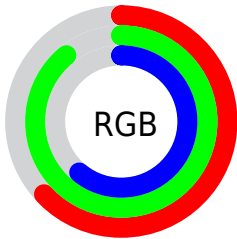
Format	Color
RYB	155, 227, 222
Decimal	10544027
CIELab	84.37, -34.78, 28.64
CIELCh	84, 45.053, 140.530
Yxy	64.7783, 0.3116, 0.4216
Android (android.graphics.Color)	4288734107 (0xFFA0E39B)
YUV	198.7590, -21.5732, -33.9916
Hunter-Lab	80.4850, -34.6542, 26.1437

Details

The YUV color **198.7590, -21.5732, -33.9916** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183.2410, 21.5732, 33.9916**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2090, -13.9070, -19.4773**, and **143.8130, -20.1208, -33.1620** is the 20% darker color. If you saturate the color by 10%, you get **189.8580, -28.5240, -44.6025**, and if you desaturate by 10%, it is **207.6600, -14.6224, -23.3808**.

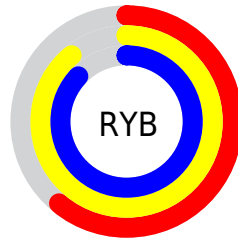
Distribution



Red (63%)

Green (89%)

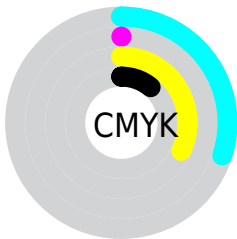
Blue (61%)



Red (61%)

Yellow (89%)

Blue (87%)

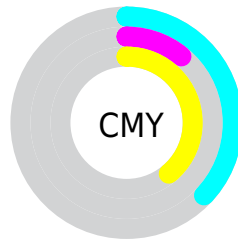


Cyan (30%)

Magenta (0%)

Yellow (32%)

Black (11%)



Cyan (37%)

Magenta (11%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7590, -21.5732, -33.9916 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 198.7590, -21.5732, -33.9916 by changing the saturation by 10% instead.

■ 198.7590,
-21.5732, -33.9916

■ 198.7590,
-21.5732, -33.9916

255.0000, 0.0000,
0.0000

■ 171.2860,
-20.8470, -33.5768

■ 238.2090,
-13.9070, -19.4773

■ 143.8130,
-20.1208, -33.1620

■ 250.0720, -5.9515,
-4.4481

■ 117.4540,
-18.9578, -32.8472

■ 91.6820, -18.0842,
-33.0471

■ 66.0130, -16.7684,
-35.0914

■ 41.4150, -16.4736,
-36.3210

■ 27.0020, -13.3120,

-23.6808

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 198.7590,
-21.5732, -33.9916

■ 198.7590,
-21.5732, -33.9916

■ 189.8580,
-28.5240, -44.6025

■ 207.6600,
-14.6224, -23.3808

■ 181.0710,
-35.0380, -55.3133

■ 216.4470, -8.1084,
-12.6700

■ 172.1700,
-41.9888, -65.9241

■ 225.3480, -1.1576,
-2.0592

■ 163.2690,
-48.9396, -76.5349

■ 234.2490, 5.7932,
8.5516

■ 154.0690,
-55.7430, -87.7605

■ 238.5640, 8.1029,
14.4144

■ 145.2820,
-62.2570, -98.4713

■ 138.0330,
-68.0503, -107.0229

Harmonies

Analogous

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



204.5760, -37.2590, 3.8798



198.7590, -21.5732, -33.9916



189.5100, 2.7066, -74.9923

Triad

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



198.7590, -21.5732, -33.9916



194.6990, 29.7284, -62.0030



202.1800, -9.4557, 46.3231

Complementary

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



198.7590, -21.5732, -33.9916



183.2410, 21.5732, 33.9916

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.



207.0820, 9.3266, 42.0241



198.7590, -21.5732, -33.9916



207.4220, 23.4560, -10.0171

Square

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



198.7590, -21.5732, -33.9916



174.8550, 39.5115, -120.0218



215.0620, 19.6894, 31.5176



203.9460, -28.0744, 44.7744

Rectangle

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



198.7590, -21.5732, -33.9916



179.7630, 22.3018, -106.7862



215.0620, 19.6894, 31.5176



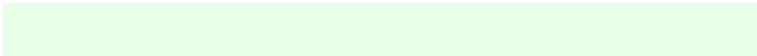
202.6020, -2.7618, 45.9530

Sweetspot

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



198.7590, -21.5732, -33.9916



244.9740, -7.3822, -12.2552



215.2700, -29.7131, 10.2872



121.6910, -4.7777, -7.6220



0.0000, 0.0000, 0.0000



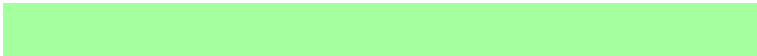
128.0000, 0.0000, 0.0000

Same Dimension

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



198.7590, -21.5732, -33.9916



217.0320, -29.1028, -45.6321



200.6840, -7.7322, -40.0649



110.3430, -3.6201, -5.5628



108.6610, -53.5699, -84.7717



31.1330, -15.3486, -23.7956

Inverse Universe

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



183.2410, 21.5732, 33.9916



195.9680, 29.1028, 45.6321



181.3160, 7.7322, 40.0649



107.6570, 3.6201, 5.5628



70.0400, 53.7173, 84.1569



19.8670, 15.3486, 23.7956

Previews

White Background



This preview shows how the YUV color 198.7590, -21.5732, -33.9916 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 198.7590, -21.5732, -33.9916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

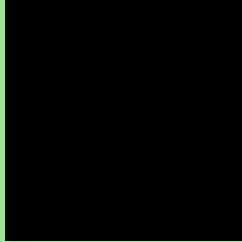
Any Text WCAG AA ✓ Pass

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 198.7590, -21.5732, -33.9916 Background



This preview shows how black text looks on a background with the YUV color 198.7590, -21.5732, -33.9916.



This preview shows how white text looks on a background with the YUV color 198.7590, -21.5732, -33.9916.

-33.9916.

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

198.7590, -21.5732, -33.9916

Protanopia

207.6020, -29.8768, 16.1350

Deuteranopia

209.8950, -24.1052, 31.6641



Tritanopia

206.0810, 13.7641, -28.1350

Trichromacy



Original Color

198.7590, -21.5732, -33.9916

Protanomaly

204.2900, -26.7650, -2.0083

Deuteranomaly

205.6810, -23.0137, 8.1728

Tritanomaly

203.6280, 0.6764, -30.3688

Monochromacy



Original Color

198.7590, -21.5732, -33.9916

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8600, -7.8190, -12.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7590, -21.5732, -33.9916 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(160, 227, 155)` looks like.

```
.text, #text, p{  
    color:rgb(160, 227, 155)  
}
```

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(160, 227, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 227, 155) }
```

Border

The CSS property to change the border of an element to YUV 198.7590, -21.5732, -33.9916 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(160, 227, 155) }
```


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

```
.border{ border-color:rgb(160, 227, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 227, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 227, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 227, 155);  
box-shadow:4px 4px 4px 4px rgb(160, 227,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 198.7590, -21.5732, -33.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 227, 155) }
```

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

```
.background{ background-color: rgb(160,  
227, 155) }
```

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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