

Converting Colors

YUV(199.1990, 18.1429,
-32.6235)

Have a look what the booklet for
YUV(199.1990, 18.1429, -32.6235)
contains.

YUV(199.1990, 18.1429, -32.6235)	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(199.1990, 18.1429,
-32.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D3EC
RGB	162, 211, 236
RGB Percent	64%, 83%, 93%
CMY	0.3647, 0.1725, 0.0745
CMYK	0.31, 0.11, 0.00, 0.07
HSL	200°, 66%, 78%
HSV	200°, 31%, 93%
XYZ	53.3349, 60.3260, 88.1899
YIQ	199.1990, -37.2290, -2.6130

Conversions

Conversions Part 2

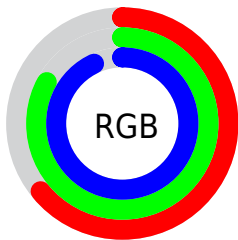
Format	Color
RYB	162, 191, 236
Decimal	10671084
CIELab	82.02, -10.07, -17.44
CIELCh	82, 20.137, 239.995
Yxy	60.3260, 0.2642, 0.2989
Android (android.graphics.Color)	4288861164 (0xFFA2D3EC)
YUV	199.1990, 18.1429, -32.6235
Hunter-Lab	77.6698, -13.3486, -12.9517

Details

The YUV color **199.1990, 18.1429, -32.6235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198.8010, -18.1429, 32.6235**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, 5.4541, -22.7467**, and **144.3840, 17.5587, -31.9088** is the 20% darker color. If you saturate the color by 10%, you get **187.3270, 23.9958, -43.2598**, and if you desaturate by 10%, it is **211.0710, 12.2900, -21.9873**.

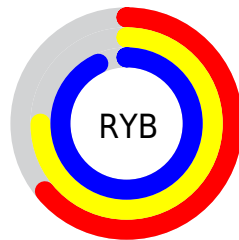
Distribution



Red (64%)

Green (83%)

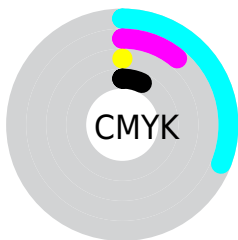
Blue (93%)



Red (64%)

Yellow (75%)

Blue (93%)

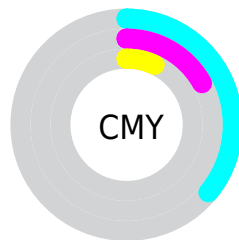


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (36%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1990, 18.1429, -32.6235 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 199.1990, 18.1429, -32.6235 by changing the saturation by 10% instead.

■ 199.1990, 18.1429,
-32.6235

■ 199.1990, 18.1429,
-32.6235

255.0000, 0.0000,
0.0000

■ 171.4980, 17.9955,
-32.0087

■ 243.9370, 5.4541,
-22.7467

■ 144.3840, 17.5587,
-31.9088

■ 252.9070, 1.0318,
-4.3034

■ 118.2700, 17.1219,
-31.8088

■ 92.5580, 16.9799,
-32.9384

■ 67.2480, 17.1327,
-35.2975

■ 42.9380, 17.2856,
-37.6566

■ 27.4020, 13.6058,

-24.0316

■ 12.6810, 10.5103,
-11.1212

■ 1.0260, 3.9312,
-0.8998

■ 199.1990, 18.1429,
-32.6235

■ 199.1990, 18.1429,
-32.6235

■ 187.3270, 23.9958,
-43.2598

■ 211.0710, 12.2900,
-21.9873

■ 175.7540, 29.7013,
-53.2813

■ 222.6440, 6.5845,
-11.9658

■ 163.8820, 35.5542,
-63.9175

■ 234.5160, 0.7316,
-1.3295

■ 152.3090, 41.2597,
-73.9390

■ 245.7900, -4.8265,
8.0772

■ 140.4370, 47.1126,
-84.5752

■ 250.4860, -7.1416,
3.9588

■ 128.5650, 52.9655,
-95.2115

■ 252.8340, -8.2992,
1.8996

■ 118.4760, 57.9393,
-103.9035

Harmonies

Analogous

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



196.6730, 12.4862, -38.3012



199.1990, 18.1429, -32.6235



203.1130, 18.6783, -17.6391

Triad

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



199.1990, 18.1429, -32.6235



207.5460, -1.2552, 29.3392



201.3790, -14.9768, -2.9634

Complementary

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



199.1990, 18.1429, -32.6235



198.8010, -18.1429, 32.6235

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.



203.5660, -18.5200, 13.5356



199.1990, 18.1429, -32.6235



206.5650, -10.1385, 31.9535

Square

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



199.1990, 18.1429, -32.6235



207.7710, 7.5079, 18.6178



204.9250, -16.2320, 26.3758



199.0440, -6.9237, -19.3326

Rectangle

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



199.1990, 18.1429, -32.6235



204.7340, 16.8931, -5.0287



204.9250, -16.2320, 26.3758



201.9560, -16.7403, 2.6696

Sweetspot

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



199.1990, 18.1429, -32.6235



243.4270, 5.7055, -10.0215



208.2880, -10.4950, -40.5946



120.5800, 3.6581, -6.6477



0.0000, 0.0000, 0.0000



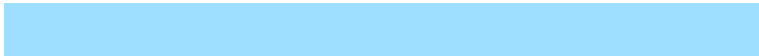
128.0000, 0.0000, 0.0000

Same Dimension

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



199.1990, 18.1429, -32.6235



206.6260, 23.8484, -42.6450



177.4800, 28.8504, -13.5760



111.3630, 2.7790, -4.7034



91.0740, 44.3335, -79.8719



26.7010, 13.4584, -23.4168

Inverse Universe

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



189.7120, 10.4950, 40.5946



194.2990, 13.6566, 53.2348



220.5200, -28.8504, 13.5760



110.0870, 1.4361, 6.0627



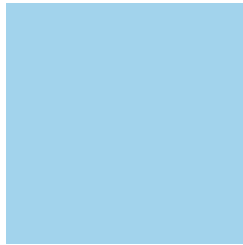
67.7990, 25.7351, 99.2773



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 199.1990, 18.1429, -32.6235 looks on a white background.

Color Contrast Check

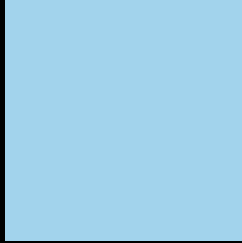
Large Text (above 18pt) WCAG AA × Fail

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 199.1990, 18.1429, -32.6235 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 199.1990, 18.1429, -32.6235

Background



This preview shows how black text looks on a background with the YUV color 199.1990, 18.1429, -32.6235.



This preview shows how white text looks on a background with the YUV color 199.1990, 18.1429, -32.6235.

-32.6235.

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

199.1990, 18.1429, -32.6235

Protanopia

204.2950, 12.6726, -4.6437

Deuteranopia

205.6530, 16.4401, 0.3043



Tritanopia

198.3900, 15.0907, -33.6680

Trichromacy



Original Color

199.1990, 18.1429, -32.6235

Protanomaly

202.3970, 14.5943, -14.3802

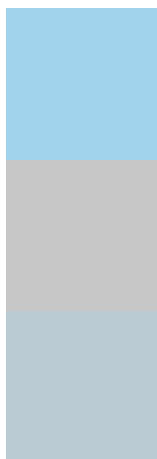
Deuteranomaly

203.1030, 17.2042, -11.4913

Tritanomaly

199.0310, 16.2537, -33.3532

Monochromacy



Original Color

199.1990, 18.1429, -32.6235

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1990, 18.1429, -32.6235 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(162, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(162, 211, 236)  
}
```

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(162, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 211, 236) }
```

Border

The CSS property to change the border of an element to YUV 199.1990, 18.1429, -32.6235 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(162, 211, 236) }
```


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

```
.border{ border-color:rgb(162, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(162, 211,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 199.1990, 18.1429, -32.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 211, 236) }
```

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

```
.background{ background-color: rgb(162,  
211, 236) }
```

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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