

Converting Colors

YUV(201.0100, 11.3341,
-42.1048)

Have a look what the booklet for
YUV(201.0100, 11.3341, -42.1048)
contains.

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Color

**YUV(201.0100, 11.3341,
-42.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	99DDE0
RGB	153, 221, 224
RGB Percent	60%, 87%, 88%
CMY	0.4000, 0.1333, 0.1216
CMYK	0.32, 0.01, 0.00, 0.12
HSL	183°, 53%, 74%
HSV	183°, 32%, 88%
XYZ	52.4479, 63.8670, 80.0843
YIQ	201.0100, -41.4910, -13.4830

Conversions

Conversions Part 2

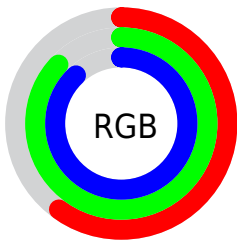
Format	Color
R _{YB}	153, 188, 224
Decimal	10083808
CIE Lab	83.90, -20.48, -8.30
CIE LCh	84, 22.096, 202.059
Yxy	63.8670, 0.2670, 0.3252
Android (android.graphics.Color)	4288273888 (0xFF99DDE0)
YUV	201.0100, 11.3341, -42.1048
Hunter-Lab	79.9168, -22.7084, -3.4724

Details

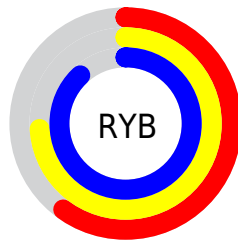
The YUV color $201.0100, 11.3341, -42.1048$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.9900, -11.3341, 42.1048$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.2460, 6.7807, -28.2797$, and $146.3090, 11.1867, -41.4900$ is the 20% darker color. If you saturate the color by 10%, you get $193.8450, 14.8664, -55.1151$, and if you desaturate by 10%, it is $208.1750, 7.8017, -29.0945$.

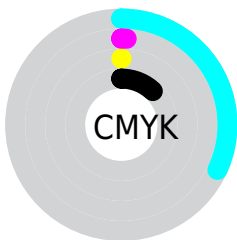
Distribution



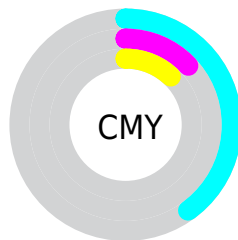
- Red (60%)
- Green (87%)
- Blue (88%)



- Red (60%)
- Yellow (74%)
- Blue (88%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.0100, 11.3341, -42.1048 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 201.0100, 11.3341, -42.1048 by changing the saturation by 10% instead.

■ 201.0100, 11.3341,
-42.1048

■ 201.0100, 11.3341,
-42.1048

■ 255.0000, 0.0000,
0.0000

■ 173.3090, 11.1867,
-41.4900

■ 241.2460, 6.7807,
-28.2797

■ 146.3090, 11.1867,
-41.4900

■ 249.9170, 2.5059,
-10.4512

■ 119.3090, 11.1867,
-41.4900

■ 93.4120, 11.6289,
-43.3343

■ 64.8240, 13.3978,
-50.7116

■ 46.0210, 11.3286,
-40.3604

■ 30.5990, 8.0857,

-26.8353

■ 16.4650, 4.7008,
-14.4398

■ 0.0000, 0.0000,
0.0000

■ 201.0100, 11.3341,
-42.1048

■ 201.0100, 11.3341,
-42.1048

■ 193.8450, 14.8664,
-55.1151

■ 208.1750, 7.8017,
-29.0945

■ 186.3810, 18.5462,
-68.7401

■ 215.6390, 4.1220,
-15.4694

■ 179.2160, 22.0785,
-81.7504

■ 222.8040, 0.5896,
-2.4591

■ 171.7520, 25.7583,
-95.3755

■ 230.2680, -3.0901,
11.1660

■ 164.5870, 29.2906,
-108.3858

■ 234.4430, -5.1484,
18.0285

■ 157.4220, 32.8230,
-121.3961

■ 235.0300, -5.4378,
17.5137

■ 151.7410, 35.6237,
-133.0769

■ 235.6170, -5.7272,
16.9989

■ 236.2040, -6.0166,
16.4841

■ 236.7910, -6.3060,
15.9693

Harmonies

Analogous

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



201.9050, 0.5398, -33.2427



201.0100, 11.3341, -42.1048



202.6820, 18.8908, -39.1861

Triad

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



201.0100, 11.3341, -42.1048



212.6720, 11.0077, 16.0737



209.1430, -20.2835, 19.1686

Complementary

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



201.0100, 11.3341, -42.1048



175.9900, -11.3341, 42.1048

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.



210.5450, -16.5377, 31.0940



201.0100, 11.3341, -42.1048



213.2410, 1.3602, 30.4836

Square

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



201.0100, 11.3341, -42.1048



210.7880, 18.3455, -4.1991



212.2280, -8.9864, 35.7570



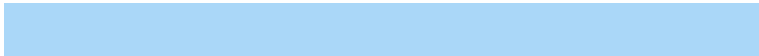
206.9020, -18.1927, 1.8399

Rectangle

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



201.0100, 11.3341, -42.1048



205.3070, 21.0476, -30.9642



212.2280, -8.9864, 35.7570



209.9910, -19.7156, 23.6869

Sweetspot

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



201.0100, 11.3341, -42.1048



246.9380, 3.9746, -14.8546



194.9050, -19.6732, -36.7507



122.6290, 2.6479, -9.3216



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.



201.0100, 11.3341, -42.1048



223.6490, 15.4560, -57.5742



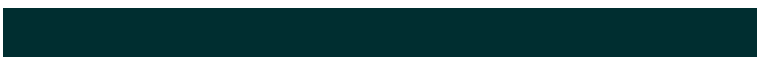
180.4650, 21.4628, -24.0868



108.7110, 1.6215, -6.7625



119.2670, 27.9694, -104.5972



32.4740, 7.6543, -28.4797

Inverse Universe

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



181.9810, 19.2364, 36.8507



197.6050, 26.3237, 50.3354



196.5350, -21.4628, 24.0868



105.5430, 3.1833, 5.6628



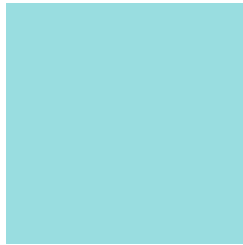
71.8900, 47.8752, 91.3045



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 201.0100, 11.3341, -42.1048 looks on a white background.

Color Contrast Check

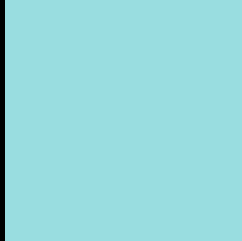
Large Text (above 18pt) WCAG AA × Fail

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 201.0100, 11.3341, -42.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

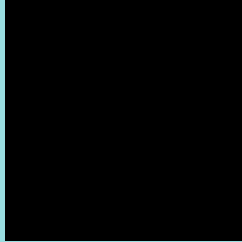
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.0100, 11.3341, -42.1048

Background



This preview shows how black text looks on a background with the YUV color 201.0100, 11.3341, -42.1048.



This preview shows how white text looks on a background with the YUV color 201.0100, 11.3341, -42.1048.

-42.1048.

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

201.0100, 11.3341, -42.1048

Protanopia

208.9230, 3.4890, 0.9445

Deuteranopia

210.9330, 8.4140, 7.9518



Tritanopia

202.2150, 17.1490, -40.5306

Trichromacy



Original Color

201.0100, 11.3341, -42.1048

Protanomaly

205.9210, 6.4479, -14.8397

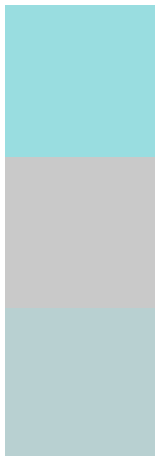
Deuteranomaly

207.7520, 9.4893, -10.3065

Tritanomaly

201.9330, 14.8230, -41.1602

Monochromacy



Original Color

201.0100, 11.3341, -42.1048

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9380, 3.9746, -14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0100, 11.3341, -42.1048 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(153, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(153, 221, 224)  
}
```

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(153, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 221, 224) }
```

Border

The CSS property to change the border of an element to YUV 201.0100, 11.3341, -42.1048 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(153, 221, 224) }
```


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

```
.border{ border-color:rgb(153, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(153, 221,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 201.0100, 11.3341, -42.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 221, 224) }
```

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

```
.background{ background-color: rgb(153,  
221, 224) }
```

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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