

Converting Colors

YUV(203.2150, 17.1490,
-40.5306)

Have a look what the booklet for
YUV(203.2150, 17.1490, -40.5306)
contains.

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Color

**YUV(203.2150, 17.1490,
-40.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDCEE
RGB	157, 220, 238
RGB Percent	62%, 86%, 93%
CMY	0.3843, 0.1373, 0.0667
CMYK	0.34, 0.08, 0.00, 0.07
HSL	193°, 70%, 77%
HSV	193°, 34%, 93%
XYZ	54.9304, 64.5275, 90.4488
YIQ	203.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

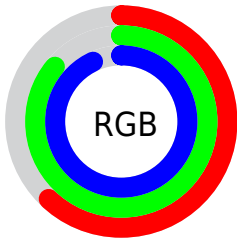
Format	Color
RYB	157, 192, 238
Decimal	10345710
CIELab	84.24, -15.59, -15.18
CIElCh	84, 21.758, 224.245
Yxy	64.5275, 0.2617, 0.3074
Android (android.graphics.Color)	4288535790 (0xFF9DDCEE)
YUV	203.2150, 17.1490, -40.5306
Hunter-Lab	80.3290, -18.5143, -10.5290

Details

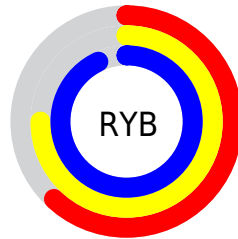
The YUV color **203.2150, 17.1490, -40.5306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **191.7850, -17.1490, 40.5306**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **148.1010, 16.7122, -40.4306** is the 20% darker color. If you saturate the color by 10%, you get **193.1040, 22.1337, -52.7112**, and if you desaturate by 10%, it is **213.3260, 12.1643, -28.3499**.

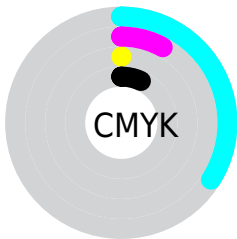
Distribution



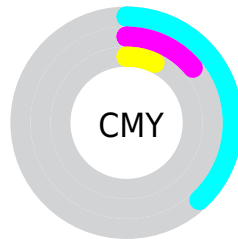
- Red (62%)
- Green (86%)
- Blue (93%)



- Red (62%)
- Yellow (75%)
- Blue (93%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2150, 17.1490, -40.5306 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 203.2150, 17.1490, -40.5306 by changing the saturation by 10% instead.

■ 203.2150, 17.1490,
-40.5306

■ 203.2150, 17.1490,
-40.5306

■ 255.0000, 0.0000,
0.0000

■ 175.2150, 17.1490,
-40.5306

■ 242.7410, 6.0437,
-25.2059

■ 148.1010, 16.7122,
-40.4306

■ 251.4120, 1.7689,
-7.3773

■ 121.6880, 16.4228,
-40.9454

■ 95.0900, 16.7176,
-42.1749

■ 67.1000, 18.1917,
-48.3227

■ 47.2750, 16.1334,
-41.4602

■ 31.7390, 12.4537,

-27.8351

■ 18.0780, 8.3425,
-15.8544

■ 2.0690, 5.3890,
-1.8145

■ 203.2150, 17.1490,
-40.5306

■ 203.2150, 17.1490,
-40.5306

■ 193.1040, 22.1337,
-52.7112

■ 213.3260, 12.1643,
-28.3499

■ 182.4060, 27.4078,
-64.3771

■ 224.0240, 6.8902,
-16.6840

■ 172.5940, 32.2452,
-75.9429

■ 233.8360, 2.0529,
-5.1182

■ 162.4830, 37.2299,
-88.1236

■ 243.9470, -2.9319,
7.0625

■ 152.3720, 42.2146,
-100.3042

■ 247.7790, -4.8210,
6.3328

■ 141.6740, 47.4887,
-111.9701

■ 251.3010, -6.5574,
3.2440

■ 135.7270, 50.4206,
-119.0326

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

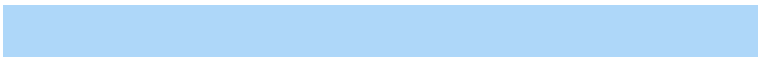
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.9240, 8.4185, -40.2753



203.2150, 17.1490, -40.5306



206.6170, 20.8948, -28.6051

Triad

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



203.2150, 17.1490, -40.5306



214.2020, 3.8444, 27.0098



208.4080, -18.9351, 6.6582

Complementary

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



203.2150, 17.1490, -40.5306



191.7850, -17.1490, 40.5306

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.



210.3930, -19.4207, 22.4573



203.2150, 17.1490, -40.5306



213.6130, -6.2182, 34.5424

Square

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



203.2150, 17.1490, -40.5306



213.5080, 13.0606, 10.9555



212.3110, -14.9433, 33.0533



205.8940, -12.7657, -12.1850

Rectangle

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



203.2150, 17.1490, -40.5306



209.5800, 20.4201, -16.2947



212.3110, -14.9433, 33.0533



209.2130, -19.8250, 12.0912

Sweetspot

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



203.2150, 17.1490, -40.5306



244.0030, 5.4215, -12.2806



206.5990, -15.5783, -43.4983



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



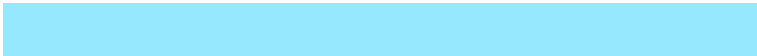
128.0000, 0.0000, 0.0000

Same Dimension

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



203.2150, 17.1490, -40.5306



210.1040, 22.1337, -52.7112



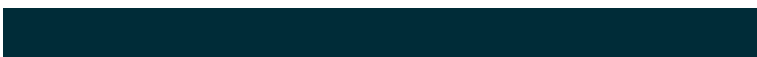
179.7350, 28.7246, -19.9386



114.6510, 2.6371, -5.8329



104.9170, 38.9879, -92.0122



32.2120, 11.7275, -28.2499

Inverse Universe

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



188.4010, 15.5783, 43.4983



190.7430, 20.3397, 56.3534



215.2650, -28.7246, 19.9386



112.6140, 2.1623, 6.4775



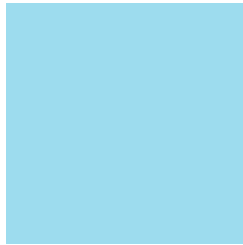
71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 203.2150, 17.1490, -40.5306 looks on a white background.

Color Contrast Check

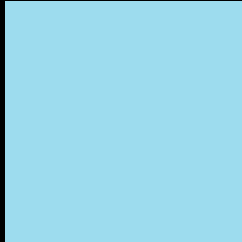
Large Text (above 18pt) WCAG AA × Fail

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 203.2150, 17.1490, -40.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

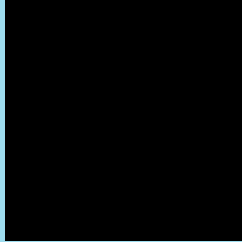
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2150, 17.1490, -40.5306

Background



This preview shows how black text looks on a background with the YUV color 203.2150, 17.1490, -40.5306.



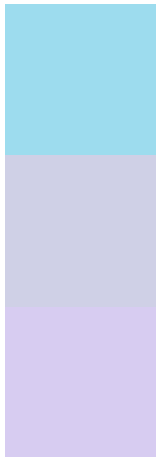
This preview shows how white text looks on a background with the YUV color 203.2150, 17.1490, -40.5306.

-40.5306.

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

203.2150, 17.1490, -40.5306

Protanopia

210.2090, 9.7570, -2.8143

Deuteranopia

211.5070, 14.5400, 3.0634



Tritanopia

203.2150, 17.1490, -40.5306

Trichromacy



Original Color

203.2150, 17.1490, -40.5306

Protanomaly

207.5170, 12.5631, -16.2394

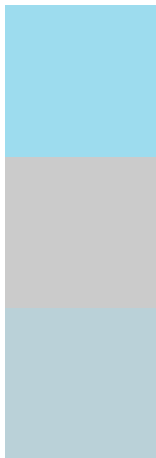
Deuteranomaly

208.6360, 15.4625, -12.8358

Tritanomaly

203.2150, 17.1490, -40.5306

Monochromacy



Original Color

203.2150, 17.1490, -40.5306

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9210, 6.4479, -14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2150, 17.1490, -40.5306 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(157, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(157, 220, 238)  
}
```

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(157, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 220, 238) }
```

Border

The CSS property to change the border of an element to YUV 203.2150, 17.1490, -40.5306 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(157, 220, 238) }
```


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

```
.border{ border-color:rgb(157, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(157, 220,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 203.2150, 17.1490, -40.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 220, 238) }
```

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

```
.background{ background-color: rgb(157,  
220, 238) }
```

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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