

Converting Colors

YUV(206.1150, 5.3663,
-41.3199)

Have a look what the booklet for
YUV(206.1150, 5.3663, -41.3199)
contains.

YUV(206.1150, 5.3663, -41.3199)	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(206.1150, 5.3663,
-41.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE4D9
RGB	159, 228, 217
RGB Percent	62%, 89%, 85%
CMY	0.3765, 0.1059, 0.1490
CMYK	0.30, 0.00, 0.05, 0.11
HSL	170°, 56%, 76%
HSV	170°, 30%, 89%
XYZ	54.5659, 67.8675, 75.8695
YIQ	206.1150, -37.5930, -18.0490

Conversions

Conversions Part 2

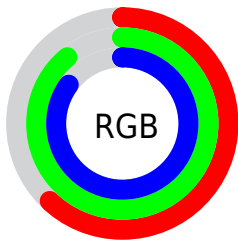
Format	Color
RYB	159, 196, 228
Decimal	10478809
CIELab	85.94, -23.84, -1.55
CIELCh	86, 23.890, 183.722
Yxy	67.8675, 0.2752, 0.3422
Android (android.graphics.Color)	4288668889 (0xFF9FE4D9)
YUV	206.1150, 5.3663, -41.3199
Hunter-Lab	82.3817, -25.9378, 3.0641

Details

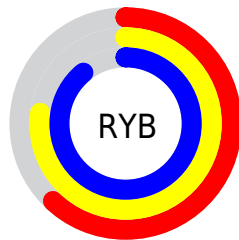
The YUV color **206.1150, 5.3663, -41.3199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.8850, -5.3663, 41.3199**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **150.8270, 5.5083, -40.1903** is the 20% darker color. If you saturate the color by 10%, you get **198.7820, 7.0095, -55.0598**, and if you desaturate by 10%, it is **213.4480, 3.7231, -27.5799**.

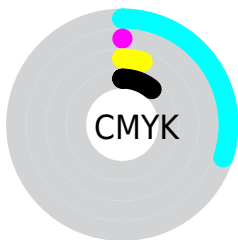
Distribution



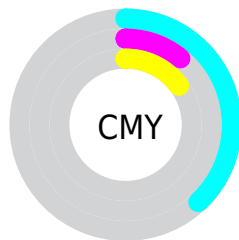
- Red (62%)
- Green (89%)
- Blue (85%)



- Red (62%)
- Yellow (77%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1150, 5.3663, -41.3199 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 206.1150, 5.3663, -41.3199 by changing the saturation by 10% instead.

■ 206.1150, 5.3663,
-41.3199

■ 206.1150, 5.3663,
-41.3199

■ 255.0000, 0.0000,
0.0000

■ 178.4140, 5.2189,
-40.7051

■ 243.0400, 5.8963,
-24.5911

■ 150.8270, 5.5083,
-40.1903

■ 251.7110, 1.6215,
-6.7625

■ 124.5280, 5.6557,
-40.8051

■ 98.6420, 6.0925,
-40.9050

■ 72.1470, 6.8295,
-43.9789

■ 48.8590, 6.9715,
-42.8493

■ 32.8500, 4.0179,

-28.8095

■ 19.4170, 0.7804,
-17.0287

■ 0.0000, 0.0000,
0.0000

■ 206.1150, 5.3663,
-41.3199

■ 206.1150, 5.3663,
-41.3199

■ 198.7820, 7.0095,
-55.0598

■ 213.4480, 3.7231,
-27.5799

■ 191.5630, 9.0894,
-68.8998

■ 220.6670, 1.6432,
-13.7400

■ 184.5290, 10.5852,
-82.0249

■ 227.7010, 0.1474,
-0.6148

■ 177.1960, 12.2284,
-95.7649

■ 235.0340, -1.4958,
13.1252

■ 169.9770, 14.3083,
-109.6048

■ 236.8710, -0.9224,
15.8991

■ 162.6440, 15.9515,
-123.3448

■ 237.3270, 0.8248,
15.4992

■ 155.7240, 17.8841,
-136.5699

■ 237.6690, 2.1352,
15.1993

■ 238.1250, 3.8824,
14.7994

■ 238.5810, 5.6296,
14.3995

Harmonies

Analogous

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



208.2990, -7.0494, -25.6952



206.1150, 5.3663, -41.3199



206.2420, 16.1497, -46.6932

Triad

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



206.1150, 5.3663, -41.3199



217.3160, 17.5922, 4.1079



216.2090, -20.3160, 29.6347

Complementary

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



206.1150, 5.3663, -41.3199



180.8850, -5.3663, 41.3199

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.



216.0060, -12.3280, 34.1977



206.1150, 5.3663, -41.3199



219.2170, 7.7810, 24.3657

Square

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



206.1150, 5.3663, -41.3199



213.2700, 20.5729, -18.6538



217.3400, -2.1396, 33.0278



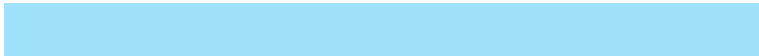
213.4690, -21.4302, 13.6207

Rectangle

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



206.1150, 5.3663, -41.3199



207.6430, 21.3750, -42.6599



217.3400, -2.1396, 33.0278



216.6870, -18.5797, 32.7235

Sweetspot

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



206.1150, 5.3663, -41.3199



247.6670, 1.6432, -13.7400



203.0910, -21.7369, -28.1438



123.1730, 0.9007, -8.9217



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.



206.1150, 5.3663, -41.3199



225.7820, 7.0095, -55.0598



193.8680, 16.8271, -30.5792



111.1840, 0.8953, -7.1774



122.1730, 13.7187, -107.1457



34.8390, 4.0234, -30.5538

Inverse Universe

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



180.8850, -5.3663, 41.3199



192.2180, -7.0095, 55.0598



193.1320, -16.8271, 30.5792



106.8160, -0.8953, 7.1774



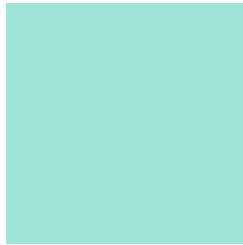
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 206.1150, 5.3663, -41.3199 looks on a white background.

Color Contrast Check

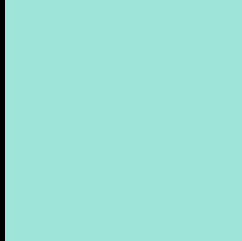
Large Text (above 18pt) WCAG AA × Fail

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 206.1150, 5.3663, -41.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

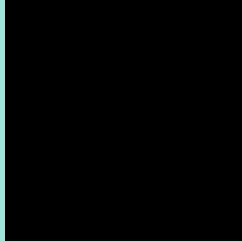
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

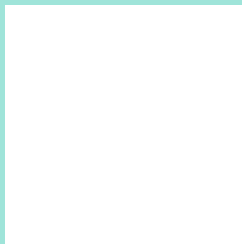
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.1150, 5.3663, -41.3199

Background



This preview shows how black text looks on a background with the YUV color 206.1150, 5.3663, -41.3199.



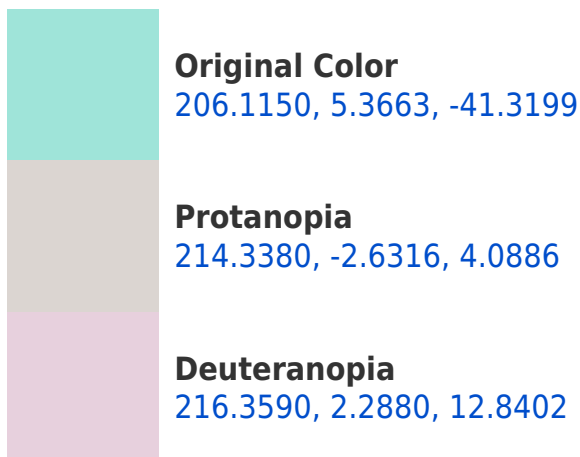
This preview shows how white text looks on a background with the YUV color 206.1150, 5.3663, -41.3199.

-41.3199.

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





Tritanopia

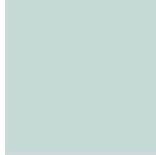
208.4110, 16.5594, -38.0714

Trichromacy



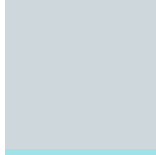
Original Color

206.1150, 5.3663, -41.3199



Protanomaly

211.0370, 0.4748, -12.3104



Deuteranomaly

212.5800, 3.6581, -6.6477



Tritanomaly

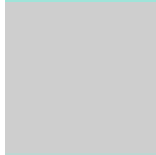
207.3740, 12.6336, -38.9160

Monochromacy



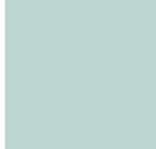
Original Color

206.1150, 5.3663, -41.3199



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1150, 5.3663, -41.3199 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(159, 228, 217)` looks like.

```
.text, #text, p{  
    color:rgb(159, 228, 217)  
}
```

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(159, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 228, 217) }
```

Border

The CSS property to change the border of an element to YUV 206.1150, 5.3663, -41.3199 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(159, 228, 217) }
```


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

```
.border{ border-color:rgb(159, 228, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 228, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 228, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 228, 217); box-shadow:4px 4px 4px 4px rgb(159, 228, 217) }
```

Background

The CSS property to change the background color of an element to YUV 206.1150, 5.3663, -41.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 228, 217) }
```

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

```
.background{ background-color: rgb(159,  
228, 217) }
```

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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