

Converting Colors

YUV(196.0850, 17.7061,
-32.5235)

Have a look what the booklet for
YUV(196.0850, 17.7061, -32.5235)
contains.

YUV(196.0850, 17.7061, -32.5235)	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(196.0850, 17.7061,
-32.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD0E8
RGB	159, 208, 232
RGB Percent	62%, 82%, 91%
CMY	0.3765, 0.1843, 0.0902
CMYK	0.31, 0.10, 0.00, 0.09
HSL	200°, 61%, 77%
HSV	200°, 31%, 91%
XYZ	51.4194, 58.3089, 84.8886
YIQ	196.0850, -36.9080, -2.9240

Conversions

Conversions Part 2

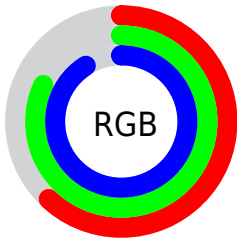
Format	Color
RYB	159, 188, 232
Decimal	10473704
CIELab	80.91, -10.31, -16.99
CIELCh	81, 19.869, 238.758
Yxy	58.3089, 0.2642, 0.2996
Android (android.graphics.Color)	4288663784 (0xFF9FD0E8)
YUV	196.0850, 17.7061, -32.5235
Hunter-Lab	76.3602, -13.4322, -12.4597

Details

The YUV color $196.0850, 17.7061, -32.5235$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $194.9150, -17.7061, 32.5235$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0400, 5.8963, -24.5911$, and $141.8570, 16.8325, -32.3236$ is the 20% darker color. If you saturate the color by 10%, you get $184.5120, 23.4116, -42.5450$, and if you desaturate by 10%, it is $207.6580, 12.0006, -22.5021$.

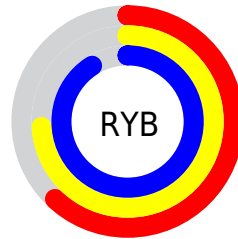
Distribution



Red (62%)

Green (82%)

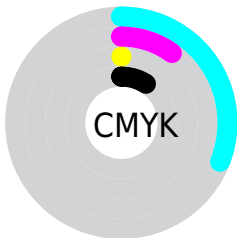
Blue (91%)



Red (62%)

Yellow (74%)

Blue (91%)

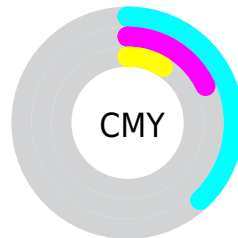


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (38%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0850, 17.7061, -32.5235 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 196.0850, 17.7061, -32.5235 by changing the saturation by 10% instead.

■ 196.0850, 17.7061,
-32.5235

■ 196.0850, 17.7061,
-32.5235

255.0000, 0.0000,
0.0000

■ 168.3840, 17.5587,
-31.9088

■ 243.0400, 5.8963,
-24.5911

■ 141.8570, 16.8325,
-32.3236

■ 251.7110, 1.6215,
-6.7625

■ 115.8570, 16.8325,
-32.3236

■ 90.1450, 16.6905,
-33.4532

■ 64.5360, 16.9908,
-36.4271

■ 41.4220, 16.5540,
-36.3271

■ 25.8860, 12.8742,

-22.7020

■ 8.2300, 11.2256,
-7.2177

■ 0.3420, 1.3104,
-0.2999

■ 196.0850, 17.7061,
-32.5235

■ 196.0850, 17.7061,
-32.5235

■ 184.5120, 23.4116,
-42.5450

■ 207.6580, 12.0006,
-22.5021

■ 173.5260, 28.8277,
-53.0813

■ 218.6440, 6.5845,
-11.9658

■ 161.6540, 34.6806,
-63.7176

■ 230.5160, 0.7316,
-1.3295

■ 150.0810, 40.3861,
-73.7390

■ 242.0890, -4.9739,
8.6919

■ 139.0950, 45.8022,
-84.2753

■ 247.0950, -7.4418,
6.9327

■ 127.5220, 51.5077,
-94.2968

■ 251.7910, -9.7570,
2.8143

■ 118.0200, 56.1921,
-103.5035

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



193.8580, 11.9020, -37.5865



196.0850, 17.7061, -32.5235



199.8140, 18.8257, -18.2539

Triad

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



196.0850, 17.7061, -32.5235



204.2470, -1.1078, 28.7244



198.0910, -14.8349, -1.8338

Complementary

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



196.0850, 17.7061, -32.5235



194.9150, -17.7061, 32.5235

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.



200.0930, -17.7938, 13.9504



196.0850, 17.7061, -32.5235



203.6790, -9.7017, 31.8535

Square

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



196.0850, 17.7061, -32.5235



204.1730, 7.8027, 17.3883



202.0390, -15.7952, 26.2758



196.2290, -7.5079, -18.6178

Rectangle

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



196.0850, 17.7061, -32.5235



202.0220, 16.7512, -6.1583



202.0390, -15.7952, 26.2758



198.7820, -16.1615, 3.6992

Sweetspot

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



196.0850, 17.7061, -32.5235



243.4270, 5.7055, -10.0215



204.4730, -11.0792, -39.8798



120.5800, 3.6581, -6.6477



0.0000, 0.0000, 0.0000



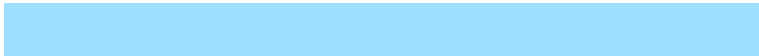
128.0000, 0.0000, 0.0000

Same Dimension

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



196.0850, 17.7061, -32.5235



207.2130, 23.5590, -43.1598



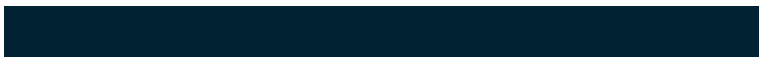
174.9530, 28.1242, -13.9908



109.0640, 2.9264, -5.3181



90.8460, 43.4599, -79.6719



25.7720, 12.4374, -22.6020

Inverse Universe

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



186.4130, 10.6424, 39.9798



194.4130, 14.0934, 53.1348



216.0470, -28.1242, 13.9908



107.5000, 1.7255, 6.5775



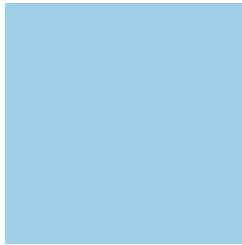
67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 196.0850, 17.7061, -32.5235 looks on a white background.

Color Contrast Check

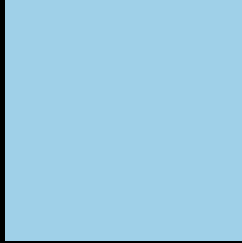
Large Text (above 18pt) WCAG AA × Fail

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 196.0850, 17.7061, -32.5235 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 196.0850, 17.7061, -32.5235

Background



This preview shows how black text looks on a background with the YUV color 196.0850, 17.7061, -32.5235.



This preview shows how white text looks on a background with the YUV color 196.0850, 17.7061, -32.5235.

-32.5235.

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

196.0850, 17.7061, -32.5235

Protanopia

201.1810, 12.2358, -4.5437

Deuteranopia

201.9520, 16.2927, 0.9191



Tritanopia

195.6890, 14.9433, -33.0533

Trichromacy



Original Color

196.0850, 17.7061, -32.5235

Protanomaly

199.2830, 14.1575, -14.2802

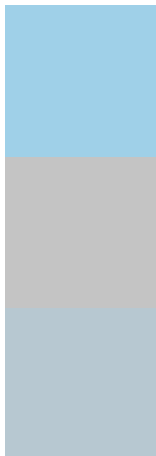
Deuteranomaly

199.9890, 16.7674, -11.3914

Tritanomaly

195.9170, 15.8169, -33.2532

Monochromacy



Original Color

196.0850, 17.7061, -32.5235

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0850, 17.7061, -32.5235 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, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(159, 208, 232)  
}
```

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, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 208, 232) }
```

Border

The CSS property to change the border of an element to YUV 196.0850, 17.7061, -32.5235 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, 208, 232) }
```


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

```
.border{ border-color:rgb(159, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 208, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 208, 232); box-shadow:4px 4px 4px 4px rgb(159, 208, 232) }
```

Background

The CSS property to change the background color of an element to YUV 196.0850, 17.7061, -32.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 208, 232) }
```

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

```
.background{ background-color: rgb(159,  
208, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor