

Converting Colors

YUV(200.3270, 17.0938,
-69.5698)

Have a look what the booklet for
YUV(200.3270, 17.0938, -69.5698)
contains.

YUV(200.3270, 17.0938, -69.5698)	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(200.3270, 17.0938,
-69.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	79EAEB
RGB	121, 234, 235
RGB Percent	47%, 92%, 92%
CMY	0.5255, 0.0824, 0.0784
CMYK	0.49, 0.00, 0.00, 0.08
HSL	181°, 74%, 70%
HSV	181°, 49%, 92%
XYZ	52.3034, 68.9087, 89.1413
YIQ	200.3270, -67.6690, -23.6450

Conversions

Conversions Part 2

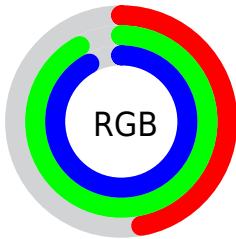
Format	Color
RYB	121, 178, 235
Decimal	7989995
CIELab	86.46, -31.90, -10.45
CIELCh	86, 33.567, 198.130
Yxy	68.9087, 0.2486, 0.3276
Android (android.graphics.Color)	4286180075 (0xFF79EAEB)
YUV	200.3270, 17.0938, -69.5698
Hunter-Lab	83.0113, -32.8013, -5.5604

Details

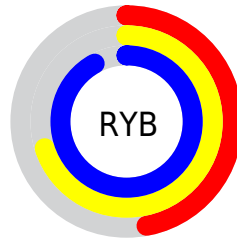
The YUV color $200.3270, 17.0938, -69.5698$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $155.6730, -17.0938, 69.5698$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5750, 11.0555, -46.1083$, and $141.9350, 18.2730, -74.4880$ is the 20% darker color. If you saturate the color by 10%, you get $193.4500, 20.4842, -83.7096$, and if you desaturate by 10%, it is $207.5030, 13.5560, -54.8151$.

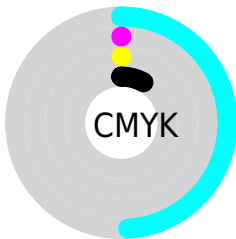
Distribution



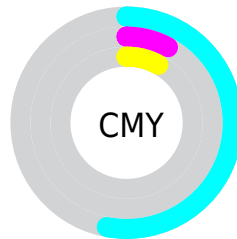
- Red (47%)
- Green (92%)
- Blue (92%)



- Red (47%)
- Yellow (70%)
- Blue (92%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3270, 17.0938, -69.5698 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 200.3270, 17.0938, -69.5698 by changing the saturation by 10% instead.

200.3270, 17.0938,
-69.5698

200.3270, 17.0938,
-69.5698

255.0000, 0.0000,
0.0000

171.4300, 17.5360,
-71.4141

232.5750, 11.0555,
-46.1083

141.9350, 18.2730,
-74.4880

241.5450, 6.6333,
-27.6650

106.3780, 22.9846,
-92.4165

250.5150, 2.2111,
-9.2217

87.8530, 19.2995,
-77.0471

69.7410, 15.9037,
-61.1629

52.9170, 12.3659,
-46.4082

36.2070, 9.2649,

-31.7535

■ 22.6600, 5.5906,
-19.8728

■ 1.2540, 4.8048,
-1.0998

■ 200.3270, 17.0938,
-69.5698

■ 200.3270, 17.0938,
-69.5698

■ 193.4500, 20.4842,
-83.7096

■ 207.5030, 13.5560,
-54.8151

■ 186.2740, 24.0219,
-98.4643

■ 214.3800, 10.1657,
-40.6753

■ 178.8100, 27.7017,
-112.0894

■ 222.1430, 6.3385,
-26.4354

■ 171.6340, 31.2394,
-126.8440

■ 229.0200, 2.9481,
-12.2955

■ 164.7570, 34.6298,
-140.9839

■ 235.8970, -0.4422,
1.8443

■ 163.5610, 35.2194,
-143.4430

■ 240.9800, -2.9481,
12.2955

■ 241.5670, -3.2375,
11.7807

Harmonies

Analogous

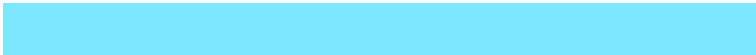
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.7520, -0.8637, -49.7715



200.3270, 17.0938, -69.5698



201.7430, 26.2557, -68.1806

Triad

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



200.3270, 17.0938, -69.5698



220.8990, 16.8118, 21.1366



215.9890, -30.0676, 30.7046

Complementary

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



200.3270, 17.0938, -69.5698



155.6730, -17.0938, 69.5698

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.



213.0250, -21.2113, 36.8121



200.3270, 17.0938, -69.5698



216.3430, 6.7329, 33.9022

Square

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



200.3270, 17.0938, -69.5698



215.0970, 19.6722, -9.7321



212.1080, -6.9552, 37.6163



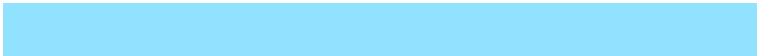
212.2910, -28.2445, 5.8838

Rectangle

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



200.3270, 17.0938, -69.5698



204.7880, 24.7545, -53.3111



212.1080, -6.9552, 37.6163



215.1790, -28.1892, 34.9230

Sweetspot

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



200.3270, 17.0938, -69.5698



243.6380, 5.6015, -23.3615



187.9180, -32.9906, -58.6871



120.5360, 3.6798, -13.6251



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.



200.3270, 17.0938, -69.5698



210.1610, 22.1056, -90.4722



167.4550, 33.2997, -40.7410



113.7110, 1.6215, -6.7625



125.7070, 27.2594, -110.2450



37.2670, 8.2494, -32.6832

Inverse Universe

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



167.9680, 32.5538, 58.7871



168.0100, 42.3931, 76.2902



188.5450, -33.2997, 40.7410



110.5430, 3.1833, 5.6628



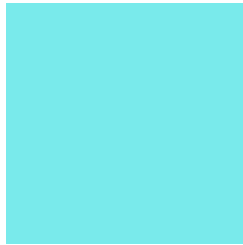
74.5250, 51.5062, 93.3786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 200.3270, 17.0938, -69.5698 looks on a white background.

Color Contrast Check

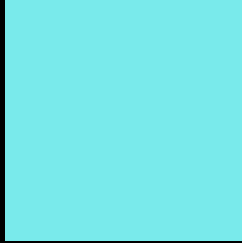
Large Text (above 18pt) WCAG AA × Fail

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 200.3270, 17.0938, -69.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

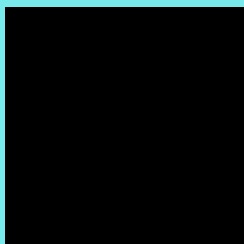
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

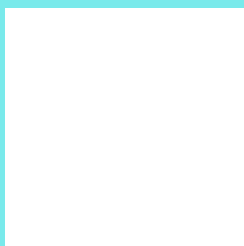
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3270, 17.0938, -69.5698

Background



This preview shows how black text looks on a background with the YUV color 200.3270, 17.0938, -69.5698.



This preview shows how white text looks on a background with the YUV color 200.3270, 17.0938, -69.5698.

-69.5698.

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

200.3270, 17.0938, -69.5698

Protanopia

215.9230, 3.4890, 0.9445

Deuteranopia

217.0190, 11.3296, 6.1223



Tritanopia

202.3580, 23.4875, -66.9660

Trichromacy



Original Color

200.3270, 17.0938, -69.5698



Protanomaly

210.0230, 8.3697, -24.5762



Deuteranomaly

211.0110, 13.3056, -21.0576



Tritanomaly

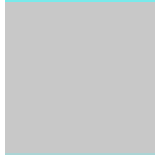
201.7770, 21.3089, -68.2104

Monochromacy



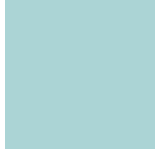
Original Color

200.3270, 17.0938, -69.5698



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3270, 17.0938, -69.5698 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(121, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(121, 234, 235)  
}
```

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(121, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 234, 235) }
```

Border

The CSS property to change the border of an element to YUV 200.3270, 17.0938, -69.5698 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(121, 234, 235) }
```


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

```
.border{ border-color:rgb(121, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(121, 234,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 200.3270, 17.0938, -69.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 234, 235) }
```

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

```
.background{ background-color: rgb(121,  
234, 235) }
```

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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