

Converting Colors

YUV(232.1940, 2.3694,
-13.3251)

Have a look what the booklet for
YUV(232.1940, 2.3694, -13.3251)
contains.

YUV(232.1940, 2.3694, -13.3251)	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(232.1940, 2.3694,
-13.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EFED
RGB	217, 239, 237
RGB Percent	85%, 94%, 93%
CMY	0.1490, 0.0627, 0.0706
CMYK	0.09, 0.00, 0.01, 0.06
HSL	175°, 41%, 89%
HSV	175°, 9%, 94%
XYZ	74.7678, 82.5991, 92.1233
YIQ	232.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

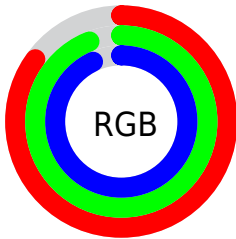
Format	Color
R_{YB}	217, 229, 239
Decimal	14282733
CIE _{Lab}	92.84, -7.57, -1.51
CIE _{LCh}	93, 7.720, 191.270
Yxy	82.5991, 0.2997, 0.3311
Android (android.graphics.Color)	4292472813 (0xFFD9EFED)
YUV	232.1940, 2.3694, -13.3251
Hunter-Lab	90.8841, -12.2001, 3.5204

Details

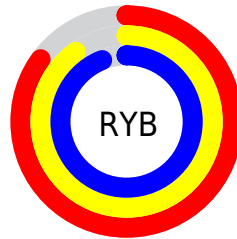
The YUV color $232.1940, 2.3694, -13.3251$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $223.8060, -2.3694, 13.3251$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.4930, 2.2220, -12.7104$ is the 20% darker color. If you saturate the color by 10%, you get $224.7900, 5.0335, -27.8798$, and if you desaturate by 10%, it is $239.5980, -0.2948, 1.2296$.

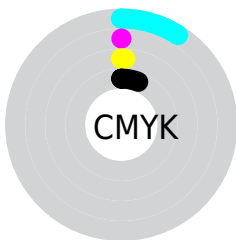
Distribution



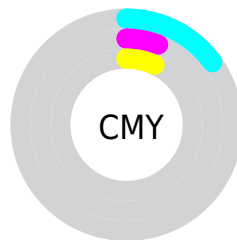
- Red (85%)
- Green (94%)
- Blue (93%)



- Red (85%)
- Yellow (90%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1940, 2.3694, -13.3251 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 232.1940, 2.3694, -13.3251 by changing the saturation by 10% instead.

■ 232.1940, 2.3694,
-13.3251

■ 232.1940, 2.3694,
-13.3251

255.0000, 0.0000,
0.0000

■ 204.1940, 2.3694,
-13.3251

■ 176.4930, 2.2220,
-12.7104

■ 149.7920, 2.0745,
-12.0956

■ 123.7920, 2.0745,
-12.0956

■ 99.0910, 1.9271,
-11.4808

■ 75.0910, 1.9271,
-11.4808

■ 52.5040, 2.2165,

-10.9660

■ 30.8030, 2.0691,
-10.3512

■ 10.8740, 1.0481,
-9.5365

■ 232.1940, 2.3694,
-13.3251

■ 232.1940, 2.3694,
-13.3251

■ 224.7900, 5.0335,
-27.8798

■ 239.5980, -0.2948,
1.2296

■ 217.3860, 7.6977,
-42.4345

■ 244.0120, -1.4849,
9.6365

■ 209.8680, 9.9251,
-56.8892

■ 244.3540, -0.1745,
9.3365

■ 202.4640, 12.5892,
-71.4439

■ 244.5820, 0.6991,
9.1366

■ 195.0600, 15.2534,
-85.9986

■ 244.8100, 1.5727,
8.9366

■ 187.9550, 17.7702,
-99.9385

■ 245.0380, 2.4463,
8.7367

■ 180.5510, 20.4344,
-114.4932

■ 245.2660, 3.3199,
8.5367

■ 173.1470, 23.0985,
-129.0479

■ 245.4940, 4.1935,
8.3368

■ 165.6290, 25.3259,
-143.5026

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



232.4780, -1.7147, -10.0662



232.1940, 2.3694, -13.3251



232.4050, 5.7163, -13.5102

Triad

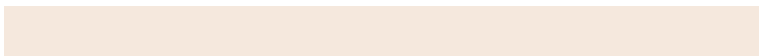
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.1940, 2.3694, -13.3251



235.6890, 5.0833, 2.9037



234.6330, -6.7211, 9.0919

Complementary

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



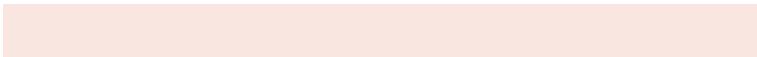
232.1940, 2.3694, -13.3251



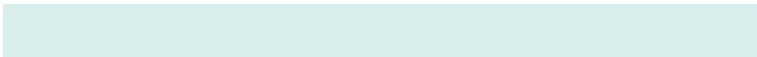
223.8060, -2.3694, 13.3251

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.



235.4100, -5.1321, 12.7954



232.1940, 2.3694, -13.3251



236.1090, 1.4253, 9.5514

Square

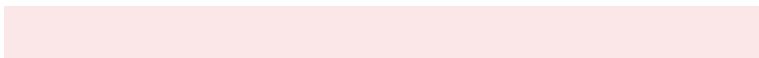
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.1940, 2.3694, -13.3251



234.5140, 7.1416, -3.9588



236.5070, -2.2220, 12.7104



234.1870, -6.9942, 3.3440

Rectangle

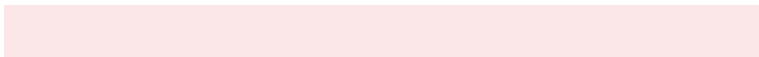
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.1940, 2.3694, -13.3251



233.0570, 6.8739, -11.4510



236.5070, -2.2220, 12.7104



235.3450, -6.5791, 10.2214

Sweetspot

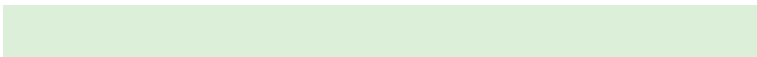
The Sweet Spot groups the original color and five complimentary colors.



232.1940, 2.3694, -13.3251



252.4940, 0.7425, -4.8182



230.5120, -6.6614, -10.0960



126.0920, 0.4476, -3.5887



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.



232.1940, 2.3694, -13.3251



246.2860, 2.8170, -16.9138



227.1390, 5.8475, -8.8919



116.2980, 1.3321, -7.2773



127.0460, 19.6973, -111.4193



38.6860, 6.0708, -33.9276

Inverse Universe

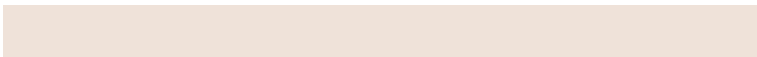
The Inverse Universe completely reimagines the original color for something new.



223.8060, -2.3694, 13.3251



235.7140, -2.8170, 16.9138



228.8610, -5.8475, 8.8919



111.7020, -1.3321, 7.2773



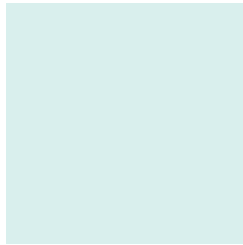
56.9540, -19.6973, 111.4193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 232.1940, 2.3694, -13.3251 looks on a white background.

Color Contrast Check

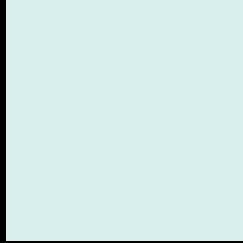
Large Text (above 18pt) WCAG AA × Fail

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 232.1940, 2.3694, -13.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

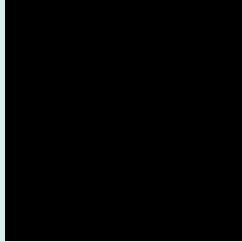
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

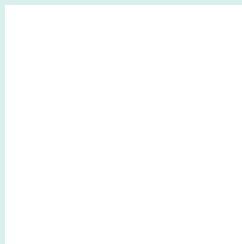
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.1940, 2.3694, -13.3251

Background



This preview shows how black text looks on a background with the YUV color 232.1940, 2.3694, -13.3251.



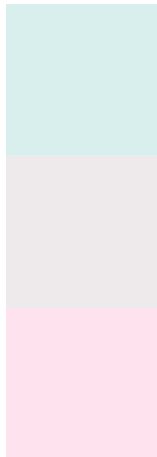
This preview shows how white text looks on a background with the YUV color 232.1940, 2.3694, -13.3251.

-13.3251.

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

232.1940, 2.3694, -13.3251

Protanopia

234.6090, -0.3002, 2.9739

Deuteranopia

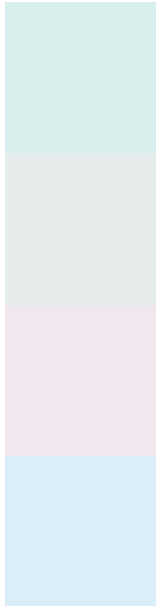
236.4410, 1.2616, 15.3992



Tritanopia

233.3820, 10.6577, -11.7360

Trichromacy



Original Color

232.1940, 2.3694, -13.3251

Protanomaly

233.5050, 0.7370, -3.0739

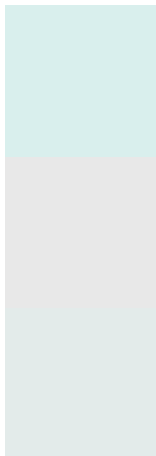
Deuteranomaly

234.7880, 1.5835, 5.4479

Tritanomaly

232.8720, 7.4581, -12.1657

Monochromacy



Original Color

232.1940, 2.3694, -13.3251

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.4940, 0.7425, -4.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1940, 2.3694, -13.3251 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(217, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 239, 237)  
}
```

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(217, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 239, 237) }
```

Border

The CSS property to change the border of an element to YUV 232.1940, 2.3694, -13.3251 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(217, 239, 237) }
```


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

```
.border{ border-color:rgb(217, 239, 237) }
```

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

Here you see how a box with a 4 pixel rgb(217, 239, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 239,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 232.1940, 2.3694, -13.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 239, 237) }
```

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

```
.background{ background-color: rgb(217,  
239, 237) }
```

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