

Converting Colors

YUV(198.1780, 13.2232,
-41.3751)

Have a look what the booklet for
YUV(198.1780, 13.2232, -41.3751)
contains.

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Color

**YUV(198.1780, 13.2232,
-41.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	97D9E1
RGB	151, 217, 225
RGB Percent	59%, 85%, 88%
CMY	0.4078, 0.1490, 0.1176
CMYK	0.33, 0.04, 0.00, 0.12
HSL	186°, 55%, 74%
HSV	186°, 33%, 88%
XYZ	51.1660, 61.6413, 80.4354
YIQ	198.1780, -41.9040, -11.5040

Conversions

Conversions Part 2

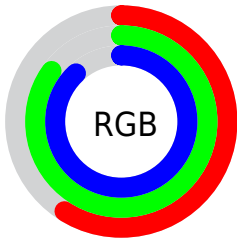
Format	Color
RYB	151, 186, 225
Decimal	9951713
CIELab	82.72, -18.79, -10.59
CIElCh	83, 21.564, 209.402
Yxy	61.6413, 0.2648, 0.3190
Android (android.graphics.Color)	4288141793 (0xFF97D9E1)
YUV	198.1780, 13.2232, -41.3751
Hunter-Lab	78.5119, -21.0681, -5.7842

Details

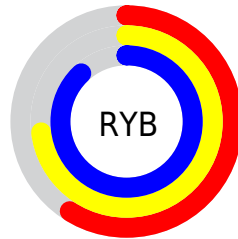
The YUV color **198.1780, 13.2232, -41.3751** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.8220, -13.2232, 41.3751**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **143.4770, 13.0758, -40.7603** is the 20% darker color. If you saturate the color by 10%, you get **190.4260, 17.0450, -53.8706**, and if you desaturate by 10%, it is **205.9300, 9.4015, -28.8796**.

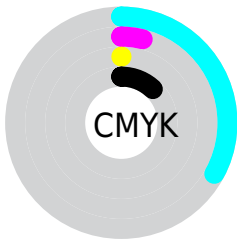
Distribution



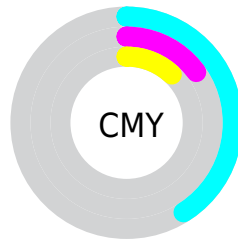
- Red (59%)
- Green (85%)
- Blue (88%)



- Red (59%)
- Yellow (73%)
- Blue (88%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (41%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1780, 13.2232, -41.3751 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 198.1780, 13.2232, -41.3751 by changing the saturation by 10% instead.

■ 198.1780, 13.2232,
-41.3751

■ 198.1780, 13.2232,
-41.3751

255.0000, 0.0000,
0.0000

■ 170.4770, 13.0758,
-40.7603

■ 240.6480, 7.0755,
-29.5093

■ 143.4770, 13.0758,
-40.7603

■ 249.3190, 2.8007,
-11.6808

■ 117.0640, 12.7864,
-41.2751

■ 90.5800, 13.5181,
-42.6047

■ 61.9810, 15.2924,
-51.7263

■ 44.2600, 12.1968,
-38.8160

■ 28.8380, 8.9539,

-25.2909

■ 13.6440, 6.5845,
-11.9658

■ 0.0000, 0.0000,
0.0000

■ 198.1780, 13.2232,
-41.3751

■ 198.1780, 13.2232,
-41.3751

■ 190.4260, 17.0450,
-53.8706

■ 205.9300, 9.4015,
-28.8796

■ 181.7880, 21.3035,
-66.4661

■ 214.5680, 5.1430,
-16.2841

■ 174.0360, 25.1253,
-78.9616

■ 222.6190, 1.1738,
-3.1739

■ 165.3980, 29.3838,
-91.5570

■ 230.9580, -2.9373,
8.8068

■ 157.6460, 33.2055,
-104.0525

■ 236.3180, -5.5798,
16.3841

■ 149.0080, 37.4641,
-116.6480

■ 238.0790, -6.4479,
14.8397

■ 143.6370, 40.1120,
-125.9696

■ 239.2530, -7.0267,
13.8101

■ 240.4270, -7.6055,
12.7805

■ 242.1880, -8.4737,
11.2361

Harmonies

Analogous

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



198.5780, 3.1660, -35.5869



198.1780, 13.2232, -41.3751



200.8180, 19.3167, -35.7974

Triad

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



198.1780, 13.2232, -41.3751



209.7110, 8.5235, 19.5475



205.0500, -19.2516, 14.8652

Complementary

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



198.1780, 13.2232, -41.3751



177.8220, -13.2232, 41.3751

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.



207.2950, -17.4004, 27.8053



198.1780, 13.2232, -41.3751



209.8560, -1.4080, 31.6983

Square

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



198.1780, 13.2232, -41.3751



207.9520, 16.2927, 0.9191



208.7610, -10.7282, 34.4126



203.0370, -16.2872, -2.6634

Rectangle

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



198.1780, 13.2232, -41.3751



203.2260, 20.5946, -25.6312



208.7610, -10.7282, 34.4126



205.9690, -19.7047, 20.1982

Sweetspot

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



198.1780, 13.2232, -41.3751



245.7640, 4.5533, -13.8250



195.2360, -18.3573, -38.7950



122.0420, 2.9373, -8.8068



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.



198.1780, 13.2232, -41.3751



218.9420, 17.7766, -55.2001



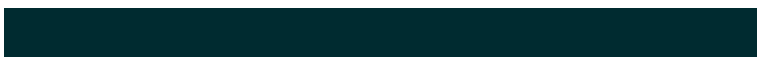
177.0460, 23.6413, -22.8423



108.1240, 1.9109, -6.2477



112.2230, 31.4421, -98.4196



30.7130, 8.5225, -26.9353

Inverse Universe

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



180.6500, 17.9206, 38.8950



195.6330, 23.8449, 52.0649



198.9540, -23.6413, 22.8423



105.4290, 2.7465, 5.7628



70.5220, 42.6337, 92.5042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 198.1780, 13.2232, -41.3751 looks on a white background.

Color Contrast Check

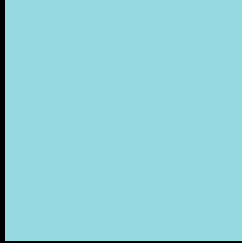
Large Text (above 18pt) WCAG AA × Fail

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 198.1780, 13.2232, -41.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

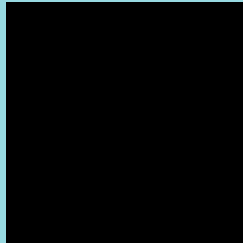
Any Text WCAG AA ✓ Pass

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 198.1780, 13.2232, -41.3751 Background



This preview shows how black text looks on a background with the YUV color 198.1780, 13.2232, -41.3751.



This preview shows how white text looks on a background with the YUV color 198.1780, 13.2232, -41.3751.

-41.3751.

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

198.1780, 13.2232, -41.3751

Protanopia

205.7810, 5.5310, -0.6849

Deuteranopia

207.4920, 10.6034, 5.7075



Tritanopia

199.1010, 16.7122, -40.4306

Trichromacy



Original Color

198.1780, 13.2232, -41.3751

Protanomaly

203.0780, 8.3425, -15.8544

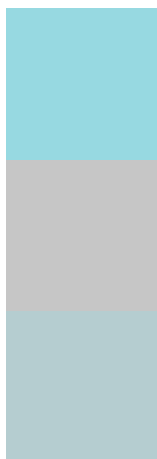
Deuteranomaly

204.0230, 11.8207, -11.4212

Tritanomaly

198.4600, 15.5492, -40.7454

Monochromacy



Original Color

198.1780, 13.2232, -41.3751

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1660, 4.8482, -15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1780, 13.2232, -41.3751 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(151, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(151, 217, 225)  
}
```

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(151, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 217, 225) }
```

Border

The CSS property to change the border of an element to YUV 198.1780, 13.2232, -41.3751 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(151, 217, 225) }
```


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

```
.border{ border-color:rgb(151, 217, 225) }
```

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

Here you see how a box with a 4 pixel rgb(151, 217, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(151, 217,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 198.1780, 13.2232, -41.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 217, 225) }
```

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

```
.background{ background-color: rgb(151,  
217, 225) }
```

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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