

Converting Colors

YUV(202.7850, 19.3330,
-41.0304)

Have a look what the booklet for
YUV(202.7850, 19.3330, -41.0304)
contains.

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Color

**YUV(202.7850, 19.3330,
-41.0304)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9CDBF2 |
| RGB | 156, 219, 242 |
| RGB Percent | 61%, 86%, 95% |
| CMY | 0.3882, 0.1412, 0.0510 |
| CMYK | 0.36, 0.10, 0.00, 0.05 |
| HSL | 196°, 77%, 78% |
| HSV | 196°, 36%, 95% |
| XYZ | 55.0688, 64.1418, 93.4826 |
| YIQ | 202.7850, -44.9310, -6.2030 |

Conversions

Conversions Part 2

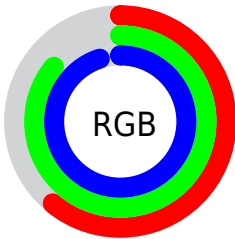
| Format | Color |
|-------------------------------------|--|
| RYB | 156, 192, 242 |
| Decimal | 10279922 |
| CIELab | 84.04, -14.37, -17.61 |
| CIElCh | 84, 22.729, 230.769 |
| Yxy | 64.1418, 0.2589, 0.3016 |
| Android (android.graphics.Color) | 4288470002 (0xFF9CDBF2) |
| YUV | 202.7850, 19.3330, -41.0304 |
| Hunter-Lab | 80.0886, -17.4185, -13.1437 |

Details

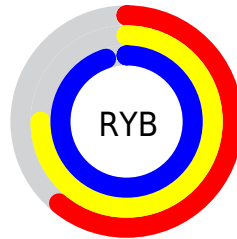
The YUV color $202.7850, 19.3330, -41.0304$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.2150, -19.3330, 41.0304$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $147.6710, 18.8962, -40.9305$ is the 20% darker color. If you saturate the color by 10%, you get $192.0870, 24.6071, -52.6963$, and if you desaturate by 10%, it is $213.4830, 14.0589, -29.3646$.

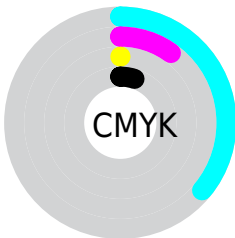
Distribution



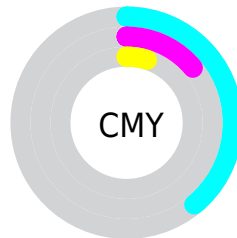
- Red (61%)
- Green (86%)
- Blue (95%)



- Red (61%)
- Yellow (75%)
- Blue (95%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7850, 19.3330, -41.0304 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 202.7850, 19.3330, -41.0304 by changing the saturation by 10% instead.

■ 202.7850, 19.3330,
-41.0304

■ 202.7850, 19.3330,
-41.0304

255.0000, 0.0000,
0.0000

■ 174.7850, 19.3330,
-41.0304

■ 242.4420, 6.1911,
-25.8206

■ 147.6710, 18.8962,
-40.9305

■ 251.1130, 1.9163,
-7.9921

■ 121.2580, 18.6068,
-41.4453

■ 94.3610, 19.0490,
-43.2896

■ 65.3490, 20.5339,
-52.9261

■ 47.0300, 17.7332,
-41.2453

■ 31.4940, 14.0535,

-27.6202

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,
-2.2144

■ 202.7850, 19.3330,
-41.0304

■ 202.7850, 19.3330,
-41.0304

■ 192.0870, 24.6071,
-52.6963

■ 213.4830, 14.0589,
-29.3646

■ 180.8020, 30.1706,
-63.8474

■ 224.7680, 8.4954,
-18.2135

■ 169.8050, 35.5921,
-76.1280

■ 235.7650, 3.0739,
-5.9329

■ 158.5200, 41.1556,
-87.2790

■ 247.0500, -2.4896,
5.2182

■ 147.8220, 46.4298,
-98.9449

■ 251.1700, -4.5208,
3.3589

■ 136.5370, 51.9933,
-110.0959

■ 253.5180, -5.6784,
1.2997

■ 131.4870, 54.4829,
-115.3141

Harmonies

Analogous

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



201.2980, 11.1921, -43.2343



202.7850, 19.3330, -41.0304



207.1550, 21.6156, -26.4459

Triad

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



202.7850, 19.3330, -41.0304



213.6540, 1.6496, 30.9984



207.0870, -18.7769, 2.5547

Complementary

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



202.7850, 19.3330, -41.0304



195.2150, -19.3330, 41.0304

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.



209.7410, -20.5783, 20.3981



202.7850, 19.3330, -41.0304



212.6410, -8.6970, 36.2718

Square

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



202.7850, 19.3330, -41.0304



212.9000, 11.8813, 15.8737



211.1430, -16.8325, 32.3236



204.3280, -11.0077, -16.0737

Rectangle

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



202.7850, 19.3330, -41.0304



209.6020, 20.4092, -12.8060



211.1430, -16.8325, 32.3236



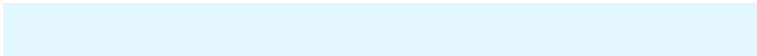
208.1910, -19.8142, 8.6025

Sweetspot

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



202.7850, 19.3330, -41.0304



241.9320, 6.4425, -13.0954



209.1040, -14.8413, -46.5722



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



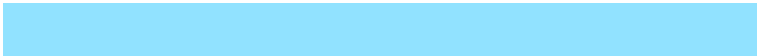
128.0000, 0.0000, 0.0000

Same Dimension

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



202.7850, 19.3330, -41.0304



205.0870, 24.6071, -52.6963



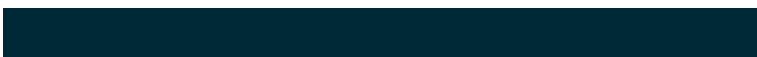
177.5440, 31.7768, -18.8941



114.6510, 2.6371, -5.8329



99.6340, 41.5924, -87.3790



30.4510, 12.5957, -26.7055

Inverse Universe

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



188.8960, 14.8413, 46.5722



187.1240, 19.1659, 59.5273



220.4560, -31.7768, 18.8941



112.6140, 2.1623, 6.4775



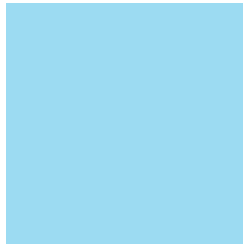
70.2920, 31.4080, 99.7219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 202.7850, 19.3330, -41.0304 looks on a white background.

Color Contrast Check

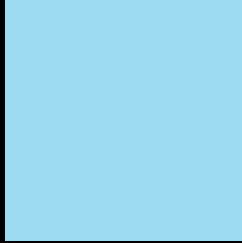
Large Text (above 18pt) WCAG AA × Fail

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 202.7850, 19.3330, -41.0304 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 202.7850, 19.3330, -41.0304

Background



This preview shows how black text looks on a background with the YUV color 202.7850, 19.3330, -41.0304.



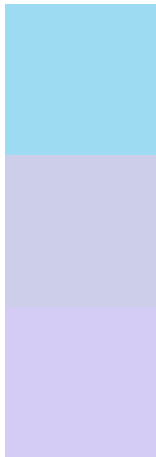
This preview shows how white text looks on a background with the YUV color 202.7850, 19.3330, -41.0304.

-41.0304.

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

202.7850, 19.3330, -41.0304

Protanopia

209.4800, 12.0884, -3.9290

Deuteranopia

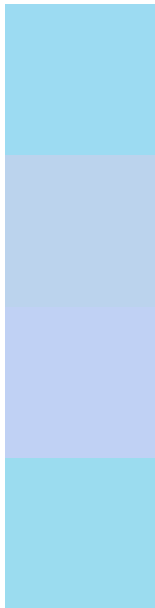
211.0660, 16.7295, 0.8191



Tritanopia

202.5030, 17.0070, -41.6601

Trichromacy



Original Color

202.7850, 19.3330, -41.0304

Protanomaly

206.7880, 14.8945, -17.3541

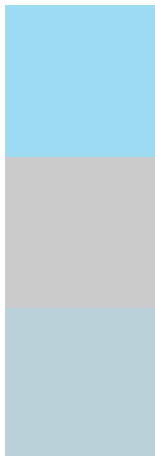
Deuteranomaly

207.9070, 17.7938, -13.9504

Tritanomaly

202.7310, 17.8806, -41.8601

Monochromacy



Original Color

202.7850, 19.3330, -41.0304

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0350, 6.8847, -14.9397

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7850, 19.3330, -41.0304 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(156, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(156, 219, 242)  
}
```

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(156, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 219, 242) }
```

Border

The CSS property to change the border of an element to YUV 202.7850, 19.3330, -41.0304 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(156, 219, 242) }
```


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

```
.border{ border-color:rgb(156, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(156, 219,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 202.7850, 19.3330, -41.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 219, 242) }
```

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

```
.background{ background-color: rgb(156,  
219, 242) }
```

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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