

Converting Colors

YUV(200.0470, 15.2598,
-41.2602)

Have a look what the booklet for
YUV(200.0470, 15.2598, -41.2602)
contains.

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Color

**YUV(200.0470, 15.2598,
-41.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	99DAE7
RGB	153, 218, 231
RGB Percent	60%, 85%, 91%
CMY	0.4000, 0.1451, 0.0941
CMYK	0.34, 0.06, 0.00, 0.09
HSL	190°, 62%, 75%
HSV	190°, 34%, 91%
XYZ	52.6321, 62.6846, 84.9266
YIQ	200.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

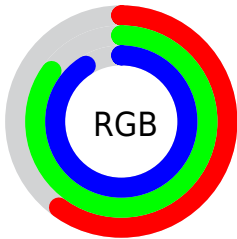
Format	Color
R _{YB}	153, 188, 231
Decimal	10083047
CIE _{Lab}	83.28, -17.33, -12.94
CIE _{LCh}	83, 21.622, 216.747
Y _{xy}	62.6846, 0.2628, 0.3130
Android (android.graphics.Color)	4288273127 (0xFF99DAE7)
YUV	200.0470, 15.2598, -41.2602
Hunter-Lab	79.1736, -19.8928, -8.1767

Details

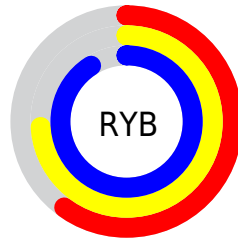
The YUV color $200.0470, 15.2598, -41.2602$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $183.9530, -15.2598, 41.2602$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5450, 6.6333, -27.6650$, and $144.9330, 14.8230, -41.1602$ is the 20% darker color. If you saturate the color by 10%, you get $190.8220, 19.8078, -53.3409$, and if you desaturate by 10%, it is $209.2720, 10.7119, -29.1795$.

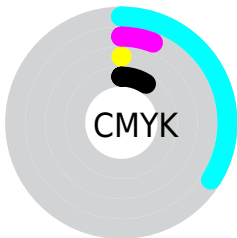
Distribution



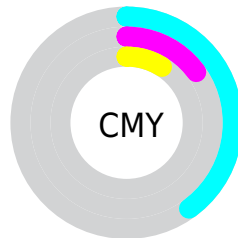
- Red (60%)
- Green (85%)
- Blue (91%)



- Red (60%)
- Yellow (74%)
- Blue (91%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.0470, 15.2598, -41.2602 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 200.0470, 15.2598, -41.2602 by changing the saturation by 10% instead.

■ 200.0470, 15.2598,
-41.2602

■ 200.0470, 15.2598,
-41.2602

255.0000, 0.0000,
0.0000

■ 172.0470, 15.2598,
-41.2602

■ 241.5450, 6.6333,
-27.6650

■ 144.9330, 14.8230,
-41.1602

■ 250.2160, 2.3585,
-9.8364

■ 118.6340, 14.9704,
-41.7750

■ 92.0360, 15.2653,
-43.0046

■ 63.7360, 16.8922,
-51.5115

■ 45.4170, 14.0914,
-39.8307

■ 29.9950, 10.8485,

-26.3056

■ 15.8610, 7.4635,
-13.9101

■ 0.3420, 1.3104,
-0.2999

■ 200.0470, 15.2598,
-41.2602

■ 200.0470, 15.2598,
-41.2602

■ 190.8220, 19.8078,
-53.3409

■ 209.2720, 10.7119,
-29.1795

■ 181.5970, 24.3557,
-65.4216

■ 218.4970, 6.1640,
-17.0989

■ 172.3720, 28.9036,
-77.5022

■ 227.7220, 1.6161,
-5.0182

■ 163.7340, 33.1621,
-90.0977

■ 236.3600, -2.6425,
7.5773

■ 154.5090, 37.7101,
-102.1784

■ 241.6980, -5.2741,
11.6659

■ 144.9850, 42.4054,
-114.8738

■ 244.0460, -6.4317,
9.6067

■ 139.0380, 45.3373,
-121.9363

■ 246.3940, -7.5892,
7.5475

■ 248.7420, -8.7468,
5.4883

■ 251.0900, -9.9044,
3.4291

Harmonies

Analogous

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



199.5500, 5.6449, -37.3163



200.0470, 15.2598, -41.2602



203.0680, 20.1795, -32.5086

Triad

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



200.0470, 15.2598, -41.2602



211.1630, 6.3286, 23.5360



206.6150, -19.5302, 10.8616

Complementary

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



200.0470, 15.2598, -41.2602



183.9530, -15.2598, 41.2602

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.



208.3440, -18.4106, 25.1313



200.0470, 15.2598, -41.2602



210.8840, -3.8868, 33.4277

Square

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



200.0470, 15.2598, -41.2602



210.2300, 14.6766, 5.9373



209.5930, -12.6173, 33.6829



204.1720, -14.3818, -7.1668

Rectangle

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



200.0470, 15.2598, -41.2602



205.6610, 20.8731, -21.6277



209.5930, -12.6173, 33.6829



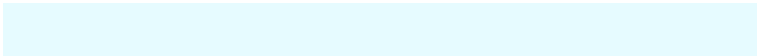
206.6480, -19.5465, 16.0947

Sweetspot

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



200.0470, 15.2598, -41.2602



245.1770, 4.8427, -13.3102



200.2680, -16.8941, -41.4540



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



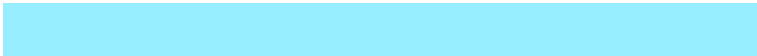
128.0000, 0.0000, 0.0000

Same Dimension

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



200.0470, 15.2598, -41.2602



213.6260, 20.3974, -55.8000



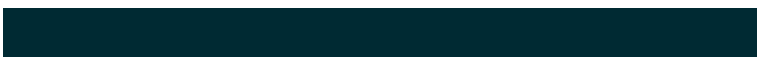
177.1540, 26.5461, -21.1831



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



30.4680, 10.1223, -26.7204

Inverse Universe

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



183.7320, 16.8941, 41.4540



191.4270, 22.9605, 55.7535



206.8460, -26.5461, 21.1831



107.7280, 2.5991, 6.3775



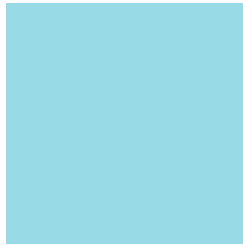
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 200.0470, 15.2598, -41.2602 looks on a white background.

Color Contrast Check

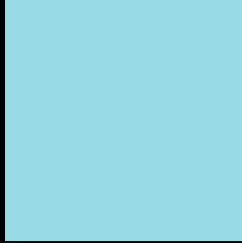
Large Text (above 18pt) WCAG AA × Fail

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 200.0470, 15.2598, -41.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

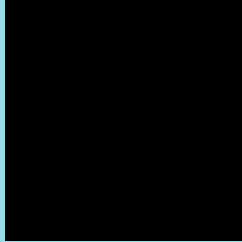
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.0470, 15.2598, -41.2602

Background



This preview shows how black text looks on a background with the YUV color 200.0470, 15.2598, -41.2602.



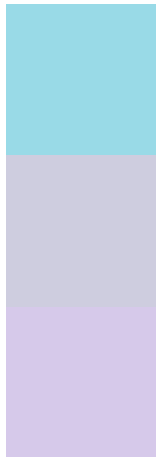
This preview shows how white text looks on a background with the YUV color 200.0470, 15.2598, -41.2602.

-41.2602.

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

200.0470, 15.2598, -41.2602

Protanopia

207.3510, 7.7150, -1.1848

Deuteranopia

208.6490, 12.4980, 4.6928



Tritanopia

200.2150, 17.1490, -40.5306

Trichromacy



Original Color

200.0470, 15.2598, -41.2602

Protanomaly

204.9470, 10.3791, -15.7395

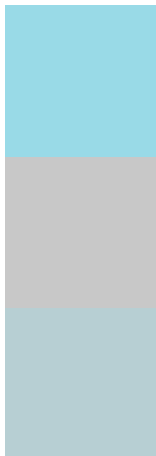
Deuteranomaly

205.4790, 13.5679, -11.8211

Tritanomaly

200.1010, 16.7122, -40.4306

Monochromacy



Original Color

200.0470, 15.2598, -41.2602

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.2800, 5.2850, -15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0470, 15.2598, -41.2602 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(153, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(153, 218, 231)  
}
```

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(153, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 218, 231) }
```

Border

The CSS property to change the border of an element to YUV 200.0470, 15.2598, -41.2602 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(153, 218, 231) }
```


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

```
.border{ border-color:rgb(153, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(153, 218,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 200.0470, 15.2598, -41.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 218, 231) }
```

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

```
.background{ background-color: rgb(153,  
218, 231) }
```

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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