

Converting Colors

YUV(204.4400, 9.1501,
-41.6049)

Have a look what the booklet for
YUV(204.4400, 9.1501, -41.6049)
contains.

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Color

**YUV(204.4400, 9.1501,
-41.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE1DF
RGB	157, 225, 223
RGB Percent	62%, 88%, 87%
CMY	0.3843, 0.1176, 0.1255
CMYK	0.30, 0.00, 0.01, 0.12
HSL	178°, 53%, 75%
HSV	178°, 30%, 88%
XYZ	54.1491, 66.3462, 79.7642
YIQ	204.4400, -39.8860, -15.0380

Conversions

Conversions Part 2

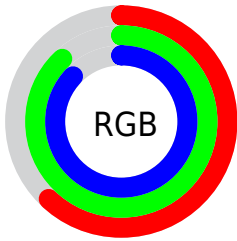
Format	Color
RYB	157, 192, 225
Decimal	10346975
CIELab	85.17, -21.59, -5.86
CIELCh	85, 22.373, 195.177
Yxy	66.3462, 0.2704, 0.3313
Android (android.graphics.Color)	4288537055 (0xFF9DE1DF)
YUV	204.4400, 9.1501, -41.6049
Hunter-Lab	81.4532, -23.8784, -1.0433

Details

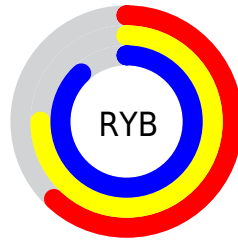
The YUV color $204.4400, 9.1501, -41.6049$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $177.5600, -9.1501, 41.6049$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $149.7390, 9.0027, -40.9901$ is the 20% darker color. If you saturate the color by 10%, you get $197.7480, 11.9562, -55.0300$, and if you desaturate by 10%, it is $211.4310, 6.1965, -27.5650$.

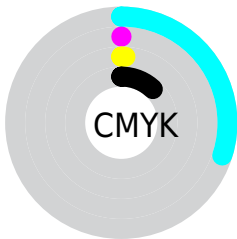
Distribution



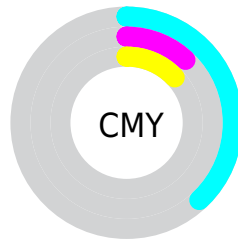
- Red (62%)
- Green (88%)
- Blue (87%)



- Red (62%)
- Yellow (75%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4400, 9.1501, -41.6049 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 204.4400, 9.1501, -41.6049 by changing the saturation by 10% instead.

■ 204.4400, 9.1501,
-41.6049

■ 204.4400, 9.1501,
-41.6049

255.0000, 0.0000,
0.0000

■ 176.7390, 9.0027,
-40.9901

■ 242.4420, 6.1911,
-25.8206

■ 149.7390, 9.0027,
-40.9901

■ 251.4120, 1.7689,
-7.3773

■ 122.8530, 9.4395,
-41.0901

■ 96.5540, 9.5869,
-41.7049

■ 69.4610, 10.6187,
-46.0083

■ 47.6680, 10.0237,
-41.8048

■ 32.2460, 6.7807,

-28.2797

■ 18.6990, 3.1064,
-16.3990

■ 0.0000, 0.0000,
0.0000

■ 204.4400, 9.1501,
-41.6049

■ 204.4400, 9.1501,
-41.6049

■ 197.7480, 11.9562,
-55.0300

■ 211.4310, 6.1965,
-27.5650

■ 190.8710, 15.3466,
-69.1699

■ 218.0090, 2.9536,
-14.0399

■ 184.1790, 18.1528,
-82.5950

■ 225.0000, 0.0000,
0.0000

■ 177.1880, 21.1063,
-96.6349

■ 231.6920, -2.8062,
13.4251

■ 170.6100, 24.3493,
-110.1600

■ 234.0840, -3.9854,
18.3433

■ 163.6190, 27.3028,
-124.1999

■ 234.1980, -3.5486,
18.2434

■ 156.9270, 30.1090,
-137.6250

■ 234.3120, -3.1118,
18.1434

■ 234.4260, -2.6750,
18.0434

Harmonies

Analogous

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



205.5310, -2.2338, -30.2837



204.4400, 9.1501, -41.6049



205.7310, 17.8806, -41.8601

Triad

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



204.4400, 9.1501, -41.6049



216.2200, 13.2025, 12.0851



213.1650, -20.2943, 22.6573

Complementary

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



204.4400, 9.1501, -41.6049



177.5600, -9.1501, 41.6049

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.



214.6100, -15.0907, 33.6680



204.4400, 9.1501, -41.6049



216.8000, 3.5496, 28.2394

Square

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



204.4400, 9.1501, -41.6049



213.3960, 19.5248, -9.1173



215.6130, -6.2182, 34.5424



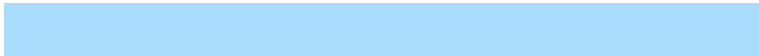
210.9950, -19.2245, 6.1434

Rectangle

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



204.4400, 9.1501, -41.6049



207.8720, 20.7691, -34.9677



215.6130, -6.2182, 34.5424



214.1270, -19.2896, 27.0756

Sweetspot

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



204.4400, 9.1501, -41.6049



248.0090, 2.9536, -14.0399



197.5140, -19.9734, -33.7768



123.4010, 1.7743, -9.1217



0.0000, 0.0000, 0.0000



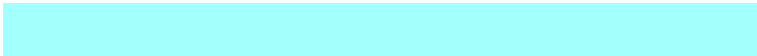
128.0000, 0.0000, 0.0000

Same Dimension

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



204.4400, 9.1501, -41.6049



227.1500, 12.2510, -56.2596



185.8840, 19.2842, -25.3313



108.7110, 1.6215, -6.7625



122.8060, 23.7596, -107.7009



33.5340, 6.6387, -29.4093

Inverse Universe

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



177.5600, -9.1501, 41.6049



190.8500, -12.2510, 56.2596



196.1160, -19.2842, 25.3313



104.2890, -1.6215, 6.7625



53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 204.4400, 9.1501, -41.6049 looks on a white background.

Color Contrast Check

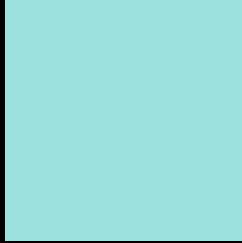
Large Text (above 18pt) WCAG AA × Fail

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 204.4400, 9.1501, -41.6049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

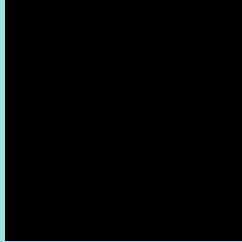
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4400, 9.1501, -41.6049

Background



This preview shows how black text looks on a background with the YUV color 204.4400, 9.1501, -41.6049.



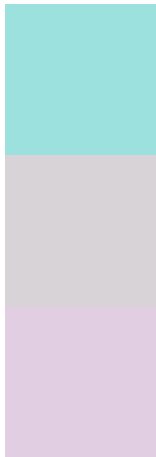
This preview shows how white text looks on a background with the YUV color 204.4400, 9.1501, -41.6049.

-41.6049.

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

204.4400, 9.1501, -41.6049

Protanopia

212.6520, 1.1576, 2.0592

Deuteranopia

214.3740, 6.2246, 10.1960



Tritanopia

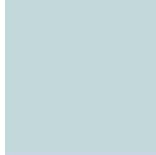
205.8130, 16.8542, -39.3010

Trichromacy



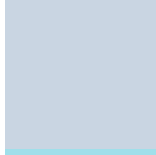
Original Color

204.4400, 9.1501, -41.6049



Protanomaly

209.6500, 4.1165, -13.7251



Deuteranomaly

210.8940, 7.4473, -8.6770



Tritanomaly

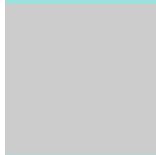
205.4170, 14.0914, -39.8307

Monochromacy



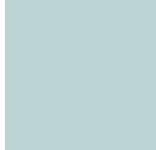
Original Color

204.4400, 9.1501, -41.6049



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.4110, 3.2484, -15.2694

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4400, 9.1501, -41.6049 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(157, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(157, 225, 223)  
}
```

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(157, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 225, 223) }
```

Border

The CSS property to change the border of an element to YUV 204.4400, 9.1501, -41.6049 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(157, 225, 223) }
```


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

```
.border{ border-color:rgb(157, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(157, 225,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 204.4400, 9.1501, -41.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 225, 223) }
```

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

```
.background{ background-color: rgb(157,  
225, 223) }
```

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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