

Converting Colors

YUV(209.5190, 9.6041, -0.4552)

Have a look what the booklet for
YUV(209.5190, 9.6041, -0.4552)
contains.

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Color

**YUV(209.5190, 9.6041,
-0.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CEE5
RGB	209, 206, 229
RGB Percent	82%, 81%, 90%
CMY	0.1804, 0.1922, 0.1020
CMYK	0.09, 0.10, 0.00, 0.10
HSL	248°, 31%, 85%
HSV	248°, 10%, 90%
XYZ	62.5087, 63.3551, 83.0629
YIQ	209.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

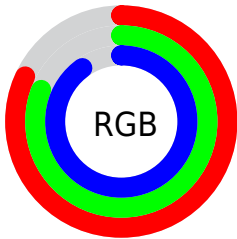
Format	Color
R _{YB}	209, 206, 229
Decimal	13749989
CIE Lab	83.63, 5.38, -10.97
CIE LCh	84, 12.219, 296.121
Yxy	63.3551, 0.2992, 0.3032
Android (android.graphics.Color)	4291940069 (0xFFD1CEE5)
YUV	209.5190, 9.6041, -0.4552
Hunter-Lab	79.5959, 0.8877, -6.1554

Details

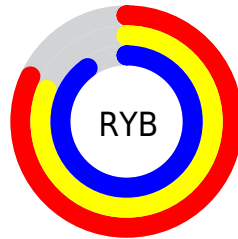
The YUV color $209.5190, 9.6041, -0.4552$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.4810, -9.6041, 0.4552$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $155.4050, 9.1673, -0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $190.0380, 19.2083, -0.9103$, and if you desaturate by 10%, it is $229.0000, 0.0000, 0.0000$.

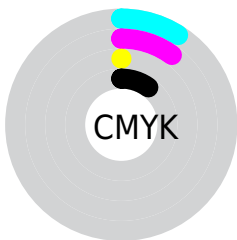
Distribution



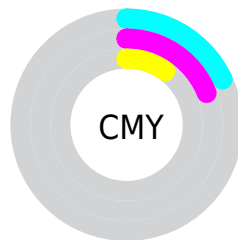
- Red (82%)
- Green (81%)
- Blue (90%)



- Red (82%)
- Yellow (81%)
- Blue (90%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5190, 9.6041, -0.4552 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 209.5190, 9.6041, -0.4552 by changing the saturation by 10% instead.

■ 209.5190, 9.6041,
-0.4552

■ 209.5190, 9.6041,
-0.4552

255.0000, 0.0000,
0.0000

■ 182.1060, 9.3147,
-0.9700

■ 155.4050, 9.1673,
-0.3552

■ 128.9920, 8.8779,
-0.8700

■ 103.8780, 8.4411,
-0.7700

■ 79.7640, 8.0043,
-0.6700

■ 56.7640, 8.0043,
-0.6700

■ 35.2370, 7.2782,

-1.0848

■ 13.3620, 7.7095,
0.5595

■ 0.0000, 0.0000,
0.0000

■ 209.5190, 9.6041,
-0.4552

■ 209.5190, 9.6041,
-0.4552

■ 190.0380, 19.2083,
-0.9103

■ 229.0000, 0.0000,
0.0000

■ 170.5570, 28.8124,
-1.3655

■ 248.4810, -9.6041,
0.4552

■ 151.0760, 38.4165,
-1.8207

■ 252.0360,
-11.3567, 2.5994

■ 131.5950, 48.0207,
-2.2758

■ 112.7010, 57.3354,
-3.2458

■ 93.5190, 66.7921,
-3.0862

■ 74.0380, 76.3963,
-3.5413

■ 54.5570, 86.0004,
-3.9965

■ 35.0760, 95.6045,
-4.4517

Harmonies

Analogous

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



207.9090, 11.3839, -11.3212



209.5190, 9.6041, -0.4552



210.7330, 5.0616, 9.8812

Triad

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



209.5190, 9.6041, -0.4552



209.8790, -9.8003, 16.7691



204.7050, 0.6384, -18.1583

Complementary

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



209.5190, 9.6041, -0.4552



225.4810, -9.6041, 0.4552

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.



205.8540, -5.3510, -10.3960



209.5190, 9.6041, -0.4552



208.4930, -11.0890, 10.0916

Square

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



209.5190, 9.6041, -0.4552



210.3400, -5.5906, 19.8728



207.1820, -9.4567, -0.1596



204.8770, 6.4696, -21.8171

Rectangle

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



209.5190, 9.6041, -0.4552



210.8540, 1.5510, 15.9140



207.1820, -9.4567, -0.1596



204.9610, -0.9668, -16.6288

Sweetspot

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



209.5190, 9.6041, -0.4552



248.2110, 3.3470, -0.1850



220.3620, 4.2585, -12.5955



122.9830, 2.4734, 0.0149



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.



209.5190, 9.6041, -0.4552



228.7300, 12.9511, -0.6402



212.8080, 7.9827, 6.3074



104.9660, 4.9468, 0.0298



27.2830, 74.7965, -3.7562



7.9070, 21.2448, -0.7954

Inverse Universe

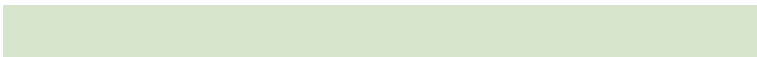
The Inverse Universe completely reimagines the original color for something new.



215.1570, 5.3456, 12.1403



236.3470, 7.2239, 16.3587



222.1920, -7.9827, -6.3074



107.7280, 2.5991, 6.3775



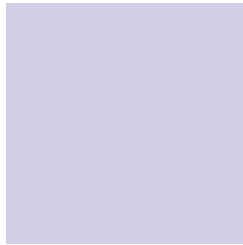
71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 209.5190, 9.6041, -0.4552 looks on a white background.

Color Contrast Check

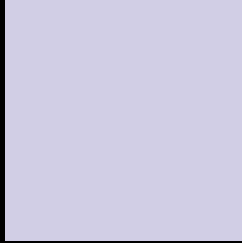
Large Text (above 18pt) WCAG AA × Fail

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 209.5190, 9.6041, -0.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

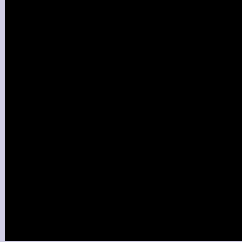
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.5190, 9.6041, -0.4552

Background



This preview shows how black text looks on a background with the YUV color 209.5190, 9.6041, -0.4552.



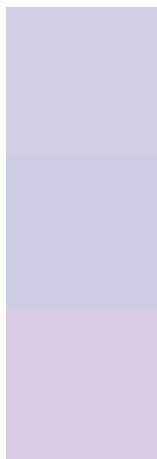
This preview shows how white text looks on a background with the YUV color 209.5190, 9.6041, -0.4552.

-0.4552.

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

209.5190, 9.6041, -0.4552

Protanopia

209.3230, 10.1938, -2.9143

Deuteranopia

210.8620, 9.4350, 7.1370



Tritanopia

209.1230, 6.8414, -0.9849

Trichromacy



Original Color

209.5190, 9.6041, -0.4552

Protanomaly

209.6220, 10.0464, -2.2995

Deuteranomaly

210.2530, 9.7353, 4.1631

Tritanomaly

209.3510, 7.7150, -1.1848

Monochromacy



Original Color

209.5190, 9.6041, -0.4552

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5190, 9.6041, -0.4552 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(209, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 229)  
}
```

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(209, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 229) }
```

Border

The CSS property to change the border of an element to YUV 209.5190, 9.6041, -0.4552 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(209, 206, 229) }
```


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

```
.border{ border-color:rgb(209, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 209.5190, 9.6041, -0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 229) }
```

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

```
.background{ background-color: rgb(209,  
206, 229) }
```

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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