

Converting Colors

YUV(209.5970, -52.5523,
9.1234)

Have a look what the booklet for
YUV(209.5970, -52.5523, 9.1234)
contains.

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Color

**YUV(209.5970, -52.5523,
9.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE167
RGB	220, 225, 103
RGB Percent	86%, 88%, 40%
CMY	0.1373, 0.1176, 0.5961
CMYK	0.02, 0.00, 0.54, 0.12
HSL	62°, 67%, 64%
HSV	62°, 54%, 88%
XYZ	58.8886, 70.0453, 23.2483
YIQ	209.5970, 36.1820, -39.0020

Conversions

Conversions Part 2

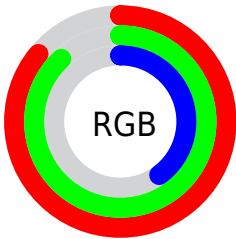
Format	Color
RYB	103, 225, 108
Decimal	14475623
CIELab	87.02, -17.79, 58.08
CIELCh	87, 60.746, 107.034
Yxy	70.0453, 0.3870, 0.4603
Android (android.graphics.Color)	4292665703 (0xFFDCE167)
YUV	209.5970, -52.5523, 9.1234
Hunter-Lab	83.6931, -20.8658, 42.1156

Details

The YUV color $209.5970, -52.5523, 9.1234$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $118.4030, 52.5523, -9.1234$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, -42.8062, 9.7978$, and $153.8140, -51.6733, 7.1791$ is the 20% darker color. If you saturate the color by 10%, you get $206.7900, -62.0145, 10.7082$, and if you desaturate by 10%, it is $212.5180, -42.6534, 7.4387$.

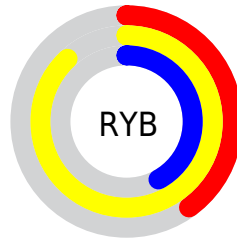
Distribution



Red (86%)

Green (88%)

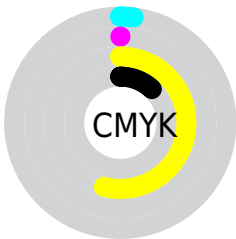
Blue (40%)



Red (40%)

Yellow (88%)

Blue (42%)

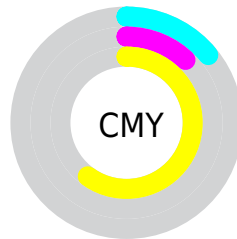


Cyan (2%)

Magenta (0%)

Yellow (54%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5970, -52.5523, 9.1234 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 209.5970, -52.5523, 9.1234 by changing the saturation by 10% instead.

■ 209.5970,
-52.5523, 9.1234

■ 209.5970,
-52.5523, 9.1234

■ 255.0000, 0.0000,
0.0000

■ 181.4120,
-51.9681, 8.4087

■ 243.8280,
-42.8062, 9.7978

■ 153.8140,
-51.6733, 7.1791

■ 247.0200,
-30.5759, 6.9985

■ 126.1300,
-54.2941, 7.7790

■ 250.3260,
-17.9087, 4.0991

■ 101.2590,
-49.9207, 5.0349

■ 253.6320, -5.2416,
1.1997

■ 78.8100, -38.8533,
1.9206

■ 57.5350, -28.3648,
-2.2232

■ 36.8470, -18.1656,

-6.8818

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 209.5970,
-52.5523, 9.1234

■ 209.5970,
-52.5523, 9.1234

■ 206.7900,
-62.0145, 10.7082

■ 212.5180,
-42.6534, 7.4387

■ 203.8690,
-71.9134, 12.3929

■ 215.3250,
-33.1912, 5.8540

■ 201.0620,
-81.3756, 13.9776

■ 218.2460,
-23.2923, 4.1693

■ 198.1410,
-91.2745, 15.6623

■ 221.0530,
-13.8301, 2.5845

■ 196.6590,
-96.9529, 16.9621

■ 223.9740, -3.9312,
0.8998

■ 226.7810, 5.5310,
-0.6849

■ 228.7190, 12.9565,
-2.3846

■ 229.0180, 12.8091,
-1.7698

■ 229.3170, 12.6617,
-1.1550

Harmonies

Analogous

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



208.9090, -52.2131, 40.4218



209.5970, -52.5523, 9.1234



201.2560, -32.1712, -41.4435

Triad

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



209.5970, -52.5523, 9.1234



171.7110, 41.0615, -150.5905



205.2530, 20.0883, 43.6281

Complementary

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



209.5970, -52.5523, 9.1234



118.4030, 52.5523, -9.1234

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.



216.8450, 18.8104, 33.4619



209.5970, -52.5523, 9.1234



164.6670, 44.5342, -144.4130

Square

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



209.5970, -52.5523, 9.1234



173.4890, 37.7199, -152.1499



208.2200, 23.0625, -23.8719



197.3530, -5.1040, 50.5564

Rectangle

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



209.5970, -52.5523, 9.1234



191.4260, -10.0700, -83.6886



208.2200, 23.0625, -23.8719



209.2140, 22.5725, 40.1543

Sweetspot

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



209.5970, -52.5523, 9.1234



249.7280, -17.6139, 2.8695



141.8260, -19.1412, 72.9436



124.8510, -10.7725, 1.8847



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.



209.5970, -52.5523, 9.1234



233.9830, -71.4766, 12.2929



191.6570, -43.7079, -27.7632



110.7460, -4.8048, 1.0998



153.8430, -75.8446, 13.2927



41.9300, -20.6715, 3.5694

Inverse Universe

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



118.4030, 52.5523, -9.1234



110.0170, 71.4766, -12.2929



136.3430, 43.7079, 27.7632



102.2540, 4.8048, -1.0998



22.1570, 75.8446, -13.2927



6.0700, 20.6715, -3.5694

Previews

White Background



This preview shows how the YUV color 209.5970, -52.5523, 9.1234 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 209.5970, -52.5523, 9.1234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

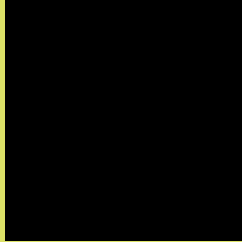
Any Text WCAG AA ✓ Pass

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 209.5970, -52.5523, 9.1234 Background



This preview shows how black text looks on a background with the YUV color 209.5970, -52.5523, 9.1234.



This preview shows how white text looks on a background with the YUV color 209.5970, -52.5523, 9.1234.

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

209.5970, -52.5523, 9.1234

Protanopia

211.5390, -54.4957, 25.8373

Deuteranopia

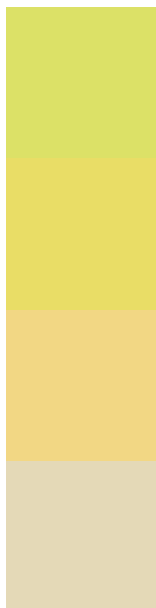
216.5010, -33.2780, 33.7636



Tritanopia

220.1030, 3.8932, 11.3107

Trichromacy



Original Color

209.5970, -52.5523, 9.1234

Protanomaly

211.0220, -53.7478, 19.2747

Deuteranomaly

213.6110, -40.2342, 24.8972

Tritanomaly

216.4130, -16.4726, 10.1618

Monochromacy



Original Color

209.5970, -52.5523, 9.1234

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6850, -19.0717, 3.7843

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5970, -52.5523, 9.1234 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(220, 225, 103)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 103)  
}
```

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(220, 225, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 103) }
```

Border

The CSS property to change the border of an element to YUV 209.5970, -52.5523, 9.1234 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(220, 225, 103) }
```


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

```
.border{ border-color:rgb(220, 225, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 103);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 209.5970, -52.5523, 9.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 103) }
```

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

```
.background{ background-color: rgb(220,  
225, 103) }
```

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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