

Converting Colors

YUV(189.7220, -52.1209,
10.7678)

Have a look what the booklet for
YUV(189.7220, -52.1209, 10.7678)
contains.

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Color

**YUV(189.7220, -52.1209,
10.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	CACC54
RGB	202, 204, 84
RGB Percent	79%, 80%, 33%
CMY	0.2078, 0.2000, 0.6706
CMYK	0.01, 0.00, 0.59, 0.20
HSL	61°, 54%, 56%
HSV	61°, 59%, 80%
XYZ	47.5502, 56.3824, 16.7642
YIQ	189.7220, 37.3280, -37.7440

Conversions

Conversions Part 2

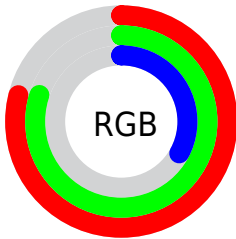
Format	Color
R _{YB}	84, 204, 86
Decimal	13290580
CIE _{Lab}	79.83, -16.14, 58.03
CIE _{LCh}	80, 60.234, 105.542
Y _{xy}	56.3824, 0.3940, 0.4671
Android (android.graphics.Color)	4291480660 (0xFFCACC54)
Y _{UV}	189.7220, -52.1209, 10.7678
Hunter-Lab	75.0882, -18.3678, 39.3246

Details

The YUV color **189.7220, -52.1209, 10.7678** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **98.2780, 52.1209, -10.7678**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6620, -51.1054, 11.6974**, and **134.4830, -52.9891, 9.2234** is the 20% darker color. If you saturate the color by 10%, you get **187.4420, -60.8569, 12.7674**, and if you desaturate by 10%, it is **192.0020, -43.3850, 8.7682**.

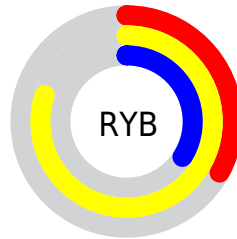
Distribution



Red (79%)

Green (80%)

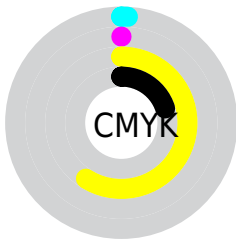
Blue (33%)



Red (33%)

Yellow (80%)

Blue (34%)

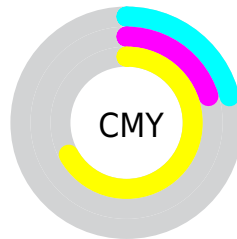


Cyan (1%)

Magenta (0%)

Yellow (59%)

Black (20%)



Cyan (21%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7220, -52.1209, 10.7678 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 189.7220, -52.1209, 10.7678 by changing the saturation by 10% instead.

■ 189.7220,
-52.1209, 10.7678

■ 189.7220,
-52.1209, 10.7678

■ 255.0000, 0.0000,
0.0000

■ 162.1240,
-51.8261, 9.5383

■ 241.6620,
-51.1054, 11.6974

■ 134.4830,
-52.9891, 9.2234

■ 244.7400,
-39.3118, 8.9980

■ 108.0700,
-53.2785, 8.7086

■ 248.0460,
-26.6447, 6.0987

■ 85.3220, -42.0637,
4.9796

■ 251.2380,
-14.4143, 3.2993

■ 64.0470, -31.5752,
0.8358

■ 254.6580, -1.3104,
0.2999

■ 42.7720, -21.0866,
-3.3080

■ 22.3720, -11.0294,

-9.0962

■ 0.0000, 0.0000,
0.0000

■ 189.7220,
-52.1209, 10.7678

■ 189.7220,
-52.1209, 10.7678

■ 187.4420,
-60.8569, 12.7674

■ 192.0020,
-43.3850, 8.7682

■ 184.7490,
-69.8823, 14.2521

■ 194.6950,
-34.3596, 7.2835

■ 182.4690,
-78.6182, 16.2517

■ 196.9750,
-25.6237, 5.2839

■ 180.0750,
-87.7910, 18.3512

■ 199.3690,
-16.4509, 3.1844

■ 179.8470,
-88.6646, 18.5512

■ 201.9480, -7.8624,
1.7996

■ 204.2280, 0.8736,
-0.2000

■ 206.6220, 10.0464,
-2.2995

■ 209.2010, 18.6349,
-3.6843

■ 210.1130, 22.1293,
-4.4841

Harmonies

Analogous

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



194.0460, -53.2667, 51.7027



189.7220, -52.1209, 10.7678



181.8650, -32.4714, -38.4696

Triad

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



189.7220, -52.1209, 10.7678



159.3840, 47.1387, -139.7798



192.0480, 17.7243, 55.2089

Complementary

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



189.7220, -52.1209, 10.7678



98.2780, 52.1209, -10.7678

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.



200.9080, 26.6674, 33.4067



189.7220, -52.1209, 10.7678



153.5140, 50.0326, -134.6318

Square

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



189.7220, -52.1209, 10.7678



158.4260, 33.3140, -138.9396



189.2930, 32.3936, -30.0750



183.7890, -6.3050, 62.4520

Rectangle

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



189.7220, -52.1209, 10.7678



171.5080, -11.0964, -81.1295



189.2930, 32.3936, -30.0750



197.0350, 24.1397, 50.8353

Sweetspot

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



189.7220, -52.1209, 10.7678



249.4570, -19.9453, 3.9842



121.0540, -18.2676, 72.7436



124.3950, -12.5197, 2.2846



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.



189.7220, -52.1209, 10.7678



233.4690, -78.6182, 16.2517



171.7820, -43.2765, -26.1188



100.8600, -4.3680, 0.9998



146.1790, -72.0662, 14.7520



33.6680, -16.5983, 3.7992

Inverse Universe

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



98.2780, 52.1209, -10.7678



95.5310, 78.6182, -16.2517



116.2180, 43.2765, 26.1188



93.1400, 4.3680, -0.9998



19.8210, 72.0662, -14.7520



4.6310, 16.4509, -3.1844

Previews

White Background



This preview shows how the YUV color 189.7220, -52.1209, 10.7678 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 189.7220, -52.1209, 10.7678 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 189.7220, -52.1209, 10.7678

Background



This preview shows how black text looks on a background with the YUV color 189.7220, -52.1209, 10.7678.



This preview shows how white text looks on a background with the YUV color 189.7220, -52.1209, 10.7678.

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

189.7220, -52.1209, 10.7678

Protanopia

191.3540, -53.9115, 25.1225

Deuteranopia

193.7570, -51.6452, 44.9401



Tritanopia

199.5870, 3.1616, 12.6402

Trichromacy



Original Color

189.7220, -52.1209, 10.7678

Protanomaly

190.5490, -53.0217, 19.6895

Deuteranomaly

192.2670, -51.8966, 32.2148

Tritanomaly

196.3100, -16.9148, 12.0061

Monochromacy



Original Color

189.7220, -52.1209, 10.7678

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.6850, -19.0717, 3.7843

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7220, -52.1209, 10.7678 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(202, 204, 84)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 84)  
}
```

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(202, 204, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 84) }
```

Border

The CSS property to change the border of an element to YUV 189.7220, -52.1209, 10.7678 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(202, 204, 84) }
```


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

```
.border{ border-color:rgb(202, 204, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 84);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 189.7220, -52.1209, 10.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 84) }
```

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

```
.background{ background-color: rgb(202,  
204, 84) }
```

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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