

Converting Colors

YUV(202.8080, -49.2053,
8.9384)

Have a look what the booklet for
YUV(202.8080, -49.2053, 8.9384)
contains.

YUV(202.8080, -49.2053, 8.9384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.8080, -49.2053,
8.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D967
RGB	213, 217, 103
RGB Percent	84%, 85%, 40%
CMY	0.1647, 0.1490, 0.5961
CMYK	0.02, 0.00, 0.53, 0.15
HSL	62°, 60%, 63%
HSV	62°, 53%, 85%
XYZ	54.7016, 64.7511, 22.4471
YIQ	202.8080, 34.2100, -36.3020

Conversions

Conversions Part 2

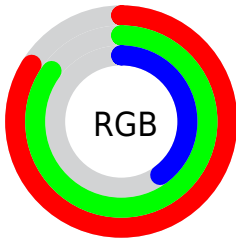
Format	Color
RYB	103, 217, 107
Decimal	14014823
CIELab	84.36, -16.66, 54.88
CIELCh	84, 57.352, 106.892
Yxy	64.7511, 0.3855, 0.4563
Android (android.graphics.Color)	4292204903 (0xFFD5D967)
YUV	202.8080, -49.2053, 8.9384
Hunter-Lab	80.4681, -19.4761, 39.7883

Details

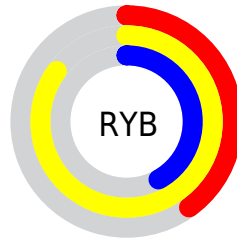
The YUV color $202.8080, -49.2053, 8.9384$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $117.1920, 49.2053, -8.9384$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, -42.8062, 9.7978$, and $147.4380, -48.0369, 7.5089$ is the 20% darker color. If you saturate the color by 10%, you get $200.0010, -58.6675, 10.5231$, and if you desaturate by 10%, it is $205.6150, -39.7432, 7.3536$.

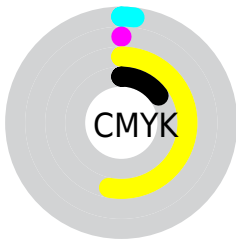
Distribution



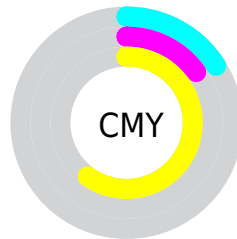
- Red (84%)
- Green (85%)
- Blue (40%)



- Red (40%)
- Yellow (85%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (53%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.8080, -49.2053, 8.9384 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 202.8080, -49.2053, 8.9384 by changing the saturation by 10% instead.

■ 202.8080,
-49.2053, 8.9384

■ 202.8080,
-49.2053, 8.9384

255.0000, 0.0000,
0.0000

■ 174.7370,
-48.1843, 8.1237

■ 243.8280,
-42.8062, 9.7978

■ 147.4380,
-48.0369, 7.5089

■ 247.0200,
-30.5759, 6.9985

■ 120.2700,
-49.9261, 6.7792

■ 250.2120,
-18.3455, 4.1991

■ 95.3560, -47.0105,
4.9498

■ 253.5180, -5.6784,
1.2997

■ 73.4940, -36.2325,
1.3208

■ 51.6320, -25.4546,
-2.3083

■ 31.2430, -15.4028,

-6.3521

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 202.8080,
-49.2053, 8.9384

■ 202.8080,
-49.2053, 8.9384

■ 200.0010,
-58.6675, 10.5231

■ 205.6150,
-39.7432, 7.3536

■ 197.3080,
-67.6928, 12.0079

■ 208.3080,
-30.7178, 5.8689

■ 194.8000,
-77.3024, 14.2074

■ 210.8160,
-21.1083, 3.6694

■ 191.9930,
-86.7645, 15.7921

■ 213.6230,
-11.6461, 2.0846

■ 189.8700,
-93.6059, 16.7770

■ 216.4300, -2.1840,
0.4999

■ 219.1230, 6.8414,
-0.9849

■ 221.6310, 16.4509,
-3.1844

■ 221.9300, 16.3035,
-2.5696

■ 222.2290, 16.1561,
-1.9548

Harmonies

Analogous

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



204.8000, -50.1874, 44.0254



202.8080, -49.2053, 8.9384



195.4350, -30.2875, -38.9695

Triad

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



202.8080, -49.2053, 8.9384



166.4280, 43.6660, -145.9574



201.8790, 17.3147, 46.5871

Complementary

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



202.8080, -49.2053, 8.9384



117.1920, 49.2053, -8.9384

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.



213.0240, 20.6942, 35.9360



202.8080, -49.2053, 8.9384



168.0440, 42.8693, -123.6956

Square

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



202.8080, -49.2053, 8.9384



167.0660, 35.9565, -146.5169



202.0290, 26.1147, -22.8274



194.4350, -6.1305, 53.1155

Rectangle

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



202.8080, -49.2053, 8.9384



186.1710, -9.9443, -77.3260



202.0290, 26.1147, -22.8274



206.1650, 23.5827, 42.8283

Sweetspot

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



202.8080, -49.2053, 8.9384



250.0270, -17.7613, 3.4843



139.4340, -17.9620, 68.0254



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.



202.8080, -49.2053, 8.9384



234.8520, -69.4400, 12.4078



185.7650, -40.8031, -26.1039



108.4470, -4.6574, 0.4850



151.4840, -74.6816, 13.6075



40.1580, -19.7979, 3.3694

Inverse Universe

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



117.1920, 49.2053, -8.9384



114.1480, 69.4400, -12.4078



134.2350, 40.8031, 26.1039



100.2540, 4.8048, -1.0998



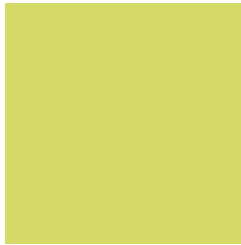
21.5160, 74.6816, -13.6075



5.8420, 19.7979, -3.3694

Previews

White Background



This preview shows how the YUV color 202.8080, -49.2053, 8.9384 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 202.8080, -49.2053, 8.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

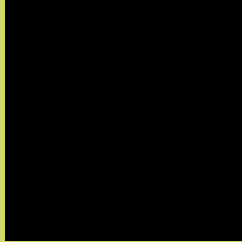
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.8080, -49.2053, 8.9384

Background



This preview shows how black text looks on a background with the YUV color 202.8080, -49.2053, 8.9384.



This preview shows how white text looks on a background with the YUV color 202.8080, -49.2053, 8.9384.

8.9384.

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

202.8080, -49.2053, 8.9384

Protanopia

205.0380, -51.2907, 24.5227

Deuteranopia

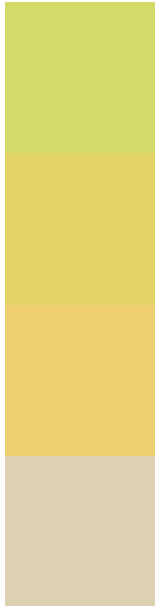
207.7980, -43.7774, 41.3962



Tritanopia

212.1030, 3.8932, 11.3107

Trichromacy



Original Color

202.8080, -49.2053, 8.9384

Protanomaly

204.2330, -50.4009, 19.0897

Deuteranomaly

206.1510, -45.9234, 29.6856

Tritanomaly

208.9400, -15.7464, 10.5766

Monochromacy



Original Color

202.8080, -49.2053, 8.9384

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0270, -17.7613, 3.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.8080, -49.2053, 8.9384 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(213, 217, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 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(213, 217, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 103) }
```

Border

The CSS property to change the border of an element to YUV 202.8080, -49.2053, 8.9384 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(213, 217, 103) }
```


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

```
.border{ border-color:rgb(213, 217, 103) }
```

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

Here you see how a box with a 4 pixel rgb(213, 217, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 202.8080, -49.2053, 8.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 103) }
```

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

```
.background{ background-color: rgb(213,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor