

Converting Colors

YUV(202.7150, -27.9605,
8.1429)

Have a look what the booklet for
YUV(202.7150, -27.9605, 8.1429)
contains.

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Color

**YUV(202.7150, -27.9605,
8.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D192
RGB	212, 209, 146
RGB Percent	83%, 82%, 57%
CMY	0.1686, 0.1804, 0.4275
CMYK	0.00, 0.01, 0.31, 0.17
HSL	57°, 43%, 70%
HSV	57°, 31%, 83%
XYZ	55.1401, 61.6733, 36.1921
YIQ	202.7150, 22.0110, -18.9570

Conversions

Conversions Part 2

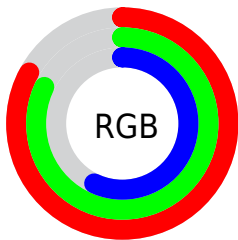
Format	Color
R_{YB}	149, 212, 146
Decimal	13947282
CIE Lab	82.74, -8.59, 31.70
CIE LCh	83, 32.842, 105.164
Yxy	61.6733, 0.3604, 0.4031
Android (android.graphics.Color)	4292137362 (0xFFD4D192)
YUV	202.7150, -27.9605, 8.1429
Hunter-Lab	78.5323, -12.1009, 27.6485

Details

The YUV color $202.7150, -27.9605, 8.1429$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $155.2850, 27.9605, -8.1429$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, -24.0239, 5.4988$, and $148.4590, -26.3553, 6.6135$ is the 20% darker color. If you saturate the color by 10%, you get $199.7340, -36.8439, 10.7573$, and if you desaturate by 10%, it is $205.6960, -19.0771, 5.5286$.

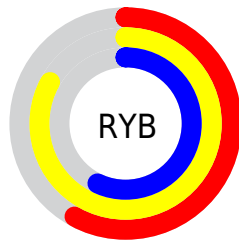
Distribution



Red (83%)

Green (82%)

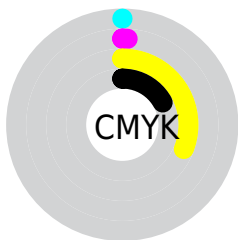
Blue (57%)



Red (58%)

Yellow (83%)

Blue (57%)

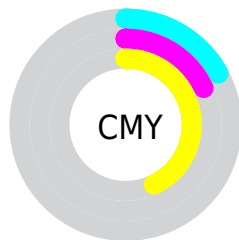


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (18%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7150, -27.9605, 8.1429 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 202.7150, -27.9605, 8.1429 by changing the saturation by 10% instead.

■ 202.7150,
-27.9605, 8.1429

■ 202.7150,
-27.9605, 8.1429

255.0000, 0.0000,
0.0000

■ 174.9430,
-27.0869, 7.9430

■ 248.7300,
-24.0239, 5.4988

■ 148.4590,
-26.3553, 6.6135

■ 252.0360,
-11.3567, 2.5994

■ 122.5730,
-25.9185, 6.5135

■ 97.5020, -24.8975,
5.6987

■ 73.3170, -24.3133,
4.9840

■ 49.9040, -24.6027,
4.4692

■ 30.7000, -15.1351,

1.1401

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 202.7150,
-27.9605, 8.1429

■ 202.7150,
-27.9605, 8.1429

■ 199.7340,
-36.8439, 10.7573

■ 205.6960,
-19.0771, 5.5286

■ 196.7530,
-45.7272, 13.3716

■ 208.6770,
-10.1938, 2.9143

■ 193.6580,
-55.0474, 16.0859

■ 211.7720, -0.8736,
0.2000

■ 190.6770,
-63.9308, 18.7003

■ 214.7530, 8.0098,
-2.4144

■ 187.6960,
-72.8141, 21.3146

■ 217.7340, 16.8931,
-5.0287

■ 184.7150,
-81.6975, 23.9289

■ 218.6630, 17.9141,
-5.8435

■ 181.9620,
-89.7073, 26.3433

■ 219.2500, 17.6248,
-6.3582

■ 219.8370, 17.3354,
-6.8730

■ 220.4240, 17.0460,
-7.3878

Harmonies

Analogous

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



205.9290, -29.0520, 31.6343



202.7150, -27.9605, 8.1429



198.7700, -18.1276, -19.0923

Triad

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



202.7150, -27.9605, 8.1429



191.3130, 28.4397, -68.6805



210.2620, 6.2798, 39.2352

Complementary

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



202.7150, -27.9605, 8.1429



155.2850, 27.9605, -8.1429

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.



210.5610, 19.4434, 17.0480



202.7150, -27.9605, 8.1429



197.4560, 28.3692, -46.0039

Square

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



202.7150, -27.9605, 8.1429



190.1810, 15.1938, -66.8107



204.7420, 24.7772, -13.8057



205.4400, -7.1189, 43.4641

Rectangle

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



202.7150, -27.9605, 8.1429



195.8800, -8.3218, -37.6058



204.7420, 24.7772, -13.8057



210.9670, 10.3693, 34.2319

Sweetspot

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



202.7150, -27.9605, 8.1429



251.7910, -9.7570, 2.8143



166.0760, -8.4185, 40.2753



125.7030, -6.2626, 2.0145



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.



202.7150, -27.9605, 8.1429



241.9360, -39.9014, 11.4571



195.5060, -24.4065, -11.8448



105.7460, -4.8048, 1.0998



146.8100, -72.3773, 21.2146



36.9240, -18.2035, 5.3287

Inverse Universe

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



155.2850, 27.9605, -8.1429



174.0640, 39.9014, -11.4571



162.4940, 24.4065, 11.8448



97.8410, 4.5154, -1.6146



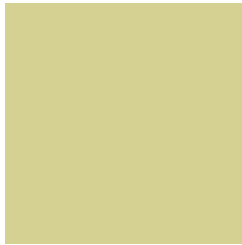
24.1900, 72.3773, -21.2146



6.0760, 18.2035, -5.3287

Previews

White Background



This preview shows how the YUV color 202.7150, -27.9605, 8.1429 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 202.7150, -27.9605, 8.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

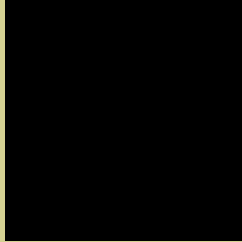
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.7150, -27.9605, 8.1429

Background



This preview shows how black text looks on a background with the YUV color 202.7150, -27.9605, 8.1429.



This preview shows how white text looks on a background with the YUV color 202.7150, -27.9605,

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

202.7150, -27.9605, 8.1429

Protanopia

203.8300, -29.0032, 15.9351

Deuteranopia

205.4670, -28.3312, 33.7934



Tritanopia

207.8040, 4.0406, 10.6959

Trichromacy



Original Color

202.7150, -27.9605, 8.1429

Protanomaly

203.2210, -28.7030, 12.9612

Deuteranomaly

204.1130, -28.1567, 24.4569

Tritanomaly

205.8180, -7.3053, 9.8066

Monochromacy



Original Color

202.7150, -27.9605, 8.1429

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.6770, -10.1938, 2.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7150, -27.9605, 8.1429 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(212, 209, 146)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 146)  
}
```

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(212, 209, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 146) }
```

Border

The CSS property to change the border of an element to YUV 202.7150, -27.9605, 8.1429 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(212, 209, 146) }
```


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

```
.border{ border-color:rgb(212, 209, 146) }
```

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

Here you see how a box with a 4 pixel rgb(212, 209, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 146);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 202.7150, -27.9605, 8.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 146) }
```

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

```
.background{ background-color: rgb(212,  
209, 146) }
```

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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