

Converting Colors

YUV(210.6280, -29.3966,
2.0802)

Have a look what the booklet for
YUV(210.6280, -29.3966, 2.0802)
contains.

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Color

**YUV(210.6280, -29.3966,
2.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DD97
RGB	213, 221, 151
RGB Percent	84%, 87%, 59%
CMY	0.1647, 0.1333, 0.4078
CMYK	0.04, 0.00, 0.32, 0.13
HSL	67°, 51%, 73%
HSV	67°, 32%, 87%
XYZ	58.8829, 68.0934, 39.3180
YIQ	210.6280, 17.7020, -23.4660

Conversions

Conversions Part 2

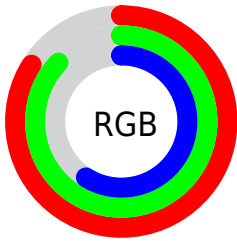
Format	Color
RYB	151, 221, 159
Decimal	14015895
CIELab	86.05, -13.64, 33.53
CIELCh	86, 36.202, 112.142
Yxy	68.0934, 0.3541, 0.4095
Android (android.graphics.Color)	4292205975 (0xFFD5DD97)
YUV	210.6280, -29.3966, 2.0802
Hunter-Lab	82.5187, -17.0354, 29.5130

Details

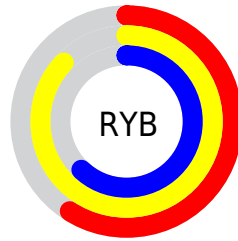
The YUV color $210.6280, -29.3966, 2.0802$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $161.3720, 29.3966, -2.0802$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $155.6710, -27.9388, 1.1655$ is the 20% darker color. If you saturate the color by 10%, you get $207.2230, -38.5639, 2.4354$, and if you desaturate by 10%, it is $214.0330, -20.2293, 1.7251$.

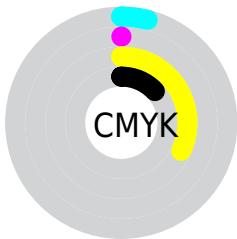
Distribution



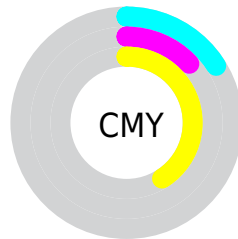
- Red (84%)
- Green (87%)
- Blue (59%)



- Red (59%)
- Yellow (87%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6280, -29.3966, 2.0802 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 210.6280, -29.3966, 2.0802 by changing the saturation by 10% instead.

■ 210.6280,
-29.3966, 2.0802

■ 210.6280,
-29.3966, 2.0802

■ 255.0000, 0.0000,
0.0000

■ 182.8560,
-28.5230, 1.8803

■ 249.4140,
-21.4031, 4.8989

■ 155.6710,
-27.9388, 1.1655

■ 252.6060, -9.1728,
2.0995

■ 129.8990,
-27.0652, 0.9656

■ 104.1270,
-26.1916, 0.7656

■ 79.8280, -26.0442,
0.1508

■ 55.4150, -26.3336,
-0.3640

■ 35.6950, -17.5976,

-2.3635

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 210.6280,
-29.3966, 2.0802

■ 210.6280,
-29.3966, 2.0802

■ 207.2230,
-38.5639, 2.4354

■ 214.0330,
-20.2293, 1.7251

■ 204.1170,
-47.8787, 3.4054

■ 217.1390,
-10.9145, 0.7551

■ 200.7120,
-57.0460, 3.7606

■ 220.5440, -1.7472,
0.3999

■ 197.6060,
-66.3608, 4.7305

■ 223.6500, 7.5675,
-0.5701

■ 194.2010,
-75.5281, 5.0857

■ 226.3710, 14.1141,
-0.3254

■ 190.9810,
-85.2796, 6.1557

■ 226.9690, 13.8193,
0.9042

■ 188.3310,
-92.8472, 6.7257

■ 227.8660, 13.3771,
2.7485

■ 228.4640, 13.0822,
3.9781

■ 229.3610, 12.6400,
5.8224

Harmonies

Analogous

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



214.1800, -33.1197, 29.6601



210.6280, -29.3966, 2.0802



206.0570, -16.7901, -28.1140

Triad

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



210.6280, -29.3966, 2.0802



198.1660, 28.0192, -73.8136



213.5390, 6.1433, 36.3613

Complementary

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



210.6280, -29.3966, 2.0802



161.3720, 29.3966, -2.0802

Split Complementary

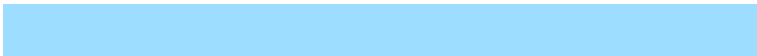
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.0460, 17.2323, 26.2697



210.6280, -29.3966, 2.0802



205.7400, 24.2852, -42.7450

Square

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



210.6280, -29.3966, 2.0802



196.4120, 21.4889, -79.2913



214.5320, 19.9507, -5.7286



210.1360, -9.4340, 39.3457

Rectangle

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



210.6280, -29.3966, 2.0802



202.7260, -4.7949, -48.8717



214.5320, 19.9507, -5.7286



215.9670, 10.3693, 34.2319

Sweetspot

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



210.6280, -29.3966, 2.0802



251.2530, -10.4777, 0.6551



176.0390, -12.3442, 39.4308



125.5780, -6.6940, 0.3701



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.



210.6280, -29.3966, 2.0802



240.6530, -40.7479, 2.9353



200.4620, -24.3848, -18.8222



108.1480, -4.5100, -0.1298



147.5970, -72.7653, 5.6154



39.2610, -19.3557, 1.5251

Inverse Universe

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



161.3720, 29.3966, -2.0802



172.3470, 40.7479, -2.9353



171.5380, 24.3848, 18.8222



100.5530, 4.6574, -0.4850



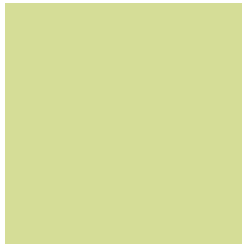
25.7020, 72.6179, -5.0007



6.7390, 19.3557, -1.5251

Previews

White Background



This preview shows how the YUV color 210.6280, -29.3966, 2.0802 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 210.6280, -29.3966, 2.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

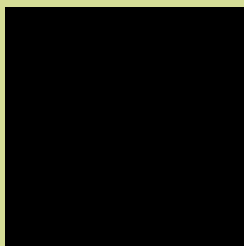
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

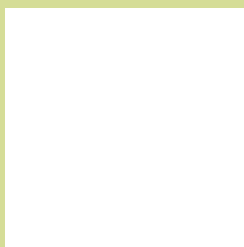
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.6280, -29.3966, 2.0802

Background



This preview shows how black text looks on a background with the YUV color 210.6280, -29.3966, 2.0802.



This preview shows how white text looks on a background with the YUV color 210.6280, -29.3966, 2.0802.

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

210.6280, -29.3966, 2.0802

Protanopia

212.4450, -31.7714, 17.1497

Deuteranopia

214.8370, -29.4996, 35.2230



Tritanopia

216.5260, 5.6567, 5.6777

Trichromacy



Original Color

210.6280, -29.3966, 2.0802

Protanomaly

211.6400, -30.8815, 11.7167

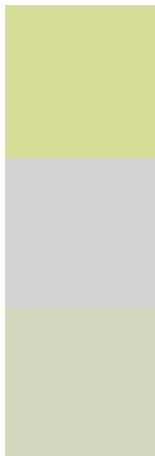
Deuteranomaly

213.1730, -29.1723, 23.5273

Tritanomaly

214.4860, -7.1416, 3.9588

Monochromacy



Original Color

210.6280, -29.3966, 2.0802

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.1390, -10.9145, 0.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6280, -29.3966, 2.0802 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, 221, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 151)  
}
```

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, 221, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 151) }
```

Border

The CSS property to change the border of an element to YUV 210.6280, -29.3966, 2.0802 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, 221, 151) }
```


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

```
.border{ border-color:rgb(213, 221, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 151);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 210.6280, -29.3966, 2.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 151) }
```

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

```
.background{ background-color: rgb(213,  
221, 151) }
```

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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