

Converting Colors

YUV(212.2160, -31.1655,
9.4576)

Have a look what the booklet for
YUV(212.2160, -31.1655, 9.4576)
contains.

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Color

**YUV(212.2160, -31.1655,
9.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDB95
RGB	223, 219, 149
RGB Percent	87%, 86%, 58%
CMY	0.1255, 0.1412, 0.4157
CMYK	0.00, 0.02, 0.33, 0.13
HSL	57°, 54%, 73%
HSV	57°, 33%, 87%
XYZ	61.1878, 68.5209, 38.4347
YIQ	212.2160, 24.8540, -20.9220

Conversions

Conversions Part 2

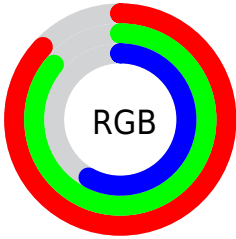
Format	Color
RYB	153, 223, 149
Decimal	14670741
CIELab	86.27, -9.07, 34.97
CIELCh	86, 36.133, 104.543
Yxy	68.5209, 0.3639, 0.4075
Android (android.graphics.Color)	4292860821 (0xFFDFDB95)
YUV	212.2160, -31.1655, 9.4576
Hunter-Lab	82.7774, -12.9160, 30.4150

Details

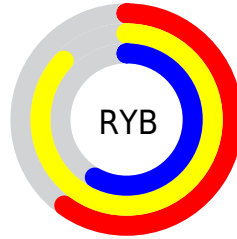
The YUV color $212.2160, -31.1655, 9.4576$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.7840, 31.1655, -9.4576$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, -22.2767, 5.0989$, and $157.2590, -29.7077, 8.5429$ is the 20% darker color. If you saturate the color by 10%, you get $209.1210, -40.4857, 12.1719$, and if you desaturate by 10%, it is $215.3110, -21.8453, 6.7433$.

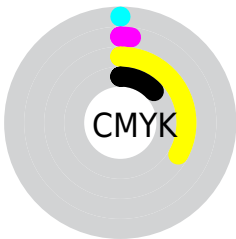
Distribution



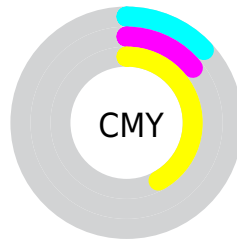
- Red (87%)
- Green (86%)
- Blue (58%)



- Red (60%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2160, -31.1655, 9.4576 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 212.2160, -31.1655, 9.4576 by changing the saturation by 10% instead.

■ 212.2160,
-31.1655, 9.4576

■ 212.2160,
-31.1655, 9.4576

255.0000, 0.0000,
0.0000

■ 184.4440,
-30.2919, 9.2576

■ 249.1860,
-22.2767, 5.0989

■ 157.2590,
-29.7077, 8.5429

■ 252.3780,
-10.0464, 2.2995

■ 131.1880,
-28.6867, 7.7281

■ 105.7040,
-27.9551, 6.3986

■ 80.8180, -27.5183,
6.2986

■ 56.9920, -28.0971,
5.2690

■ 37.2010, -18.3401,

2.4547

■ 17.0890, -8.4249,
-4.4631

■ 0.0000, 0.0000,
0.0000

■ 212.2160,
-31.1655, 9.4576

■ 212.2160,
-31.1655, 9.4576

■ 209.1210,
-40.4857, 12.1719

■ 215.3110,
-21.8453, 6.7433

■ 205.9120,
-50.2426, 14.9862

■ 218.5200,
-12.0884, 3.9290

■ 202.2300,
-59.2734, 18.2153

■ 222.2020, -3.0576,
0.6998

■ 199.1350,
-68.5936, 20.9296

■ 225.2970, 6.2626,
-2.0145

■ 196.0400,
-77.9137, 23.6439

■ 227.8220, 13.3988,
-4.2289

■ 192.8310,
-87.6707, 26.4582

■ 228.4090, 13.1094,
-4.7437

■ 190.5340,
-93.9333, 28.4727

■ 228.9960, 12.8200,
-5.2585

■ 230.1700, 12.2412,
-6.2881

■ 230.7570, 11.9518,
-6.8029

Harmonies

Analogous

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



215.4410, -32.2624, 34.6932



212.2160, -31.1655, 9.4576



207.7760, -20.5956, -20.8516

Triad

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



212.2160, -31.1655, 9.4576



197.8450, 28.1774, -77.9171



215.7390, 9.4957, 34.4319

Complementary

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



212.2160, -31.1655, 9.4576



159.7840, 31.1655, -9.4576

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.



219.1160, 17.6908, 19.1923



212.2160, -31.1655, 9.4576



203.9130, 25.1859, -51.6667

Square

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



212.2160, -31.1655, 9.4576



197.8810, 16.8207, -75.3176



212.7050, 20.8514, -14.6503



211.1620, -5.5029, 38.4459

Rectangle

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



212.2160, -31.1655, 9.4576



204.5160, -9.6214, -40.7945



212.7050, 20.8514, -14.6503



218.7540, 13.4323, 31.7877

Sweetspot

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



212.2160, -31.1655, 9.4576



251.5630, -10.6306, 3.0142



171.6960, -8.7241, 44.9936



125.5890, -6.6994, 2.1144



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.



212.2160, -31.1655, 9.4576



239.8500, -42.8170, 13.2866



204.9960, -27.6060, -12.2745



110.7460, -4.8048, 1.0998



150.0660, -73.9825, 22.7441



41.3540, -20.3875, 5.8285

Inverse Universe

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



159.7840, 31.1655, -9.4576



168.1500, 42.8171, -13.2865



167.0040, 27.6060, 12.2745



102.8410, 4.5154, -1.6146



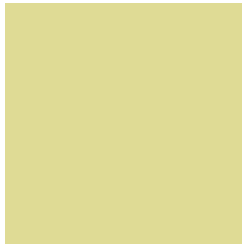
25.9340, 73.9825, -22.7441



7.2330, 20.0981, -6.3433

Previews

White Background



This preview shows how the YUV color 212.2160, -31.1655, 9.4576 looks on a white background.

Color Contrast Check

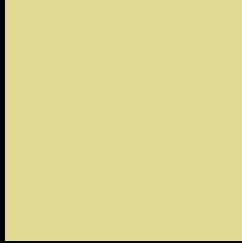
Large Text (above 18pt) WCAG AA × Fail

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 212.2160, -31.1655, 9.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

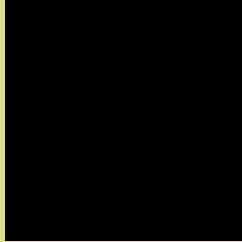
Any Text WCAG AA ✓ Pass

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 212.2160, -31.1655, 9.4576 Background



This preview shows how black text looks on a background with the YUV color 212.2160, -31.1655, 9.4576.



This preview shows how white text looks on a background with the YUV color 212.2160, -31.1655, 9.4576.

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

212.2160, -31.1655, 9.4576

Protanopia

213.3310, -32.2082, 17.2497

Deuteranopia

215.5380, -29.3522, 34.6082



Tritanopia

217.8150, 4.0352, 12.4402

Trichromacy



Original Color

212.2160, -31.1655, 9.4576

Protanomaly

212.7220, -31.9079, 14.2758

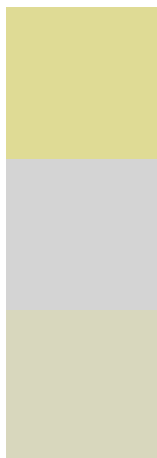
Deuteranomaly

213.9560, -30.0513, 25.4716

Tritanomaly

216.0740, -8.9105, 11.3361

Monochromacy



Original Color

212.2160, -31.1655, 9.4576

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.3350, -11.5042, 3.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2160, -31.1655, 9.4576 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(223, 219, 149)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 149)  
}
```

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(223, 219, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 149) }
```

Border

The CSS property to change the border of an element to YUV 212.2160, -31.1655, 9.4576 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(223, 219, 149) }
```


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

```
.border{ border-color:rgb(223, 219, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 219, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 149);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 212.2160, -31.1655, 9.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 149) }
```

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

```
.background{ background-color: rgb(223,  
219, 149) }
```

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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