

Converting Colors

YUV(209.2150, -42.9970,
24.3674)

Have a look what the booklet for
YUV(209.2150, -42.9970, 24.3674)
contains.

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Color

**YUV(209.2150, -42.9970,
24.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD47A
RGB	237, 212, 122
RGB Percent	93%, 83%, 48%
CMY	0.0706, 0.1686, 0.5216
CMYK	0.00, 0.11, 0.49, 0.07
HSL	47°, 76%, 70%
HSV	47°, 49%, 93%
XYZ	61.9814, 66.4966, 27.9807
YIQ	209.2150, 43.7900, -22.6900

Conversions

Conversions Part 2

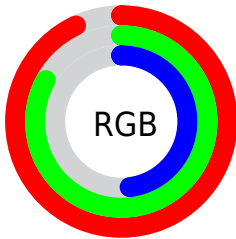
Format	Color
RYB	154, 237, 122
Decimal	15586426
CIELab	85.25, -2.83, 47.41
CIELCh	85, 47.498, 93.416
Yxy	66.4966, 0.3962, 0.4250
Android (android.graphics.Color)	4293776506 (0xFFEDD47A)
YUV	209.2150, -42.9970, 24.3674
Hunter-Lab	81.5455, -7.0296, 36.7376

Details

The YUV color $209.2150, -42.9970, 24.3674$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $149.7850, 42.9970, -24.3674$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9940, -34.5070, 7.8983$, and $154.3610, -41.0970, 21.6084$ is the 20% darker color. If you saturate the color by 10%, you get $203.5440, -52.0332, 29.3409$, and if you desaturate by 10%, it is $214.8860, -33.9608, 19.3940$.

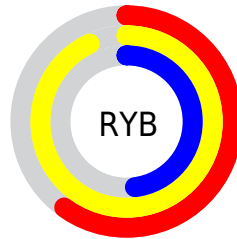
Distribution



Red (93%)

Green (83%)

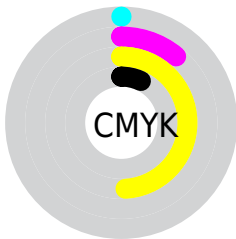
Blue (48%)



Red (60%)

Yellow (93%)

Blue (48%)

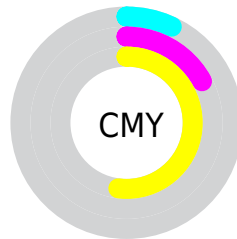


Cyan (0%)

Magenta (11%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.2150, -42.9970, 24.3674 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 209.2150, -42.9970, 24.3674 by changing the saturation by 10% instead.

■ 209.2150,
-42.9970, 24.3674

■ 209.2150,
-42.9970, 24.3674

255.0000, 0.0000,
0.0000

■ 181.1440,
-41.9760, 23.5527

■ 245.9940,
-34.5070, 7.8983

■ 154.3610,
-41.0970, 21.6084

■ 249.1860,
-22.2767, 5.0989

■ 127.7630,
-40.8022, 20.3788

■ 252.4920, -9.6096,
2.1995

■ 101.6380,
-41.2335, 18.7345

■ 77.7240, -38.3179,
16.9051

■ 56.4490, -27.8294,
12.7612

■ 35.7610, -17.6302,

8.1026

■ 16.2470, -8.0098,
2.4144

■ 0.0000, 0.0000,
0.0000

■ 209.2150,
-42.9970, 24.3674

■ 209.2150,
-42.9970, 24.3674

■ 203.5440,
-52.0332, 29.3409

■ 214.8860,
-33.9608, 19.3940

■ 197.9870,
-60.6326, 34.2144

■ 220.4430,
-25.3614, 14.5205

■ 192.3160,
-69.6688, 39.1879

■ 226.1140,
-16.3252, 9.5470

■ 186.0580,
-78.4156, 44.6761

■ 232.3720, -7.5784,
4.0588

■ 180.3870,
-87.4518, 49.6496

■ 237.9290, 1.0210,
-0.8147

■ 179.4580,
-88.4728, 50.4643

■ 242.5740, 6.1260,
-4.8884

■ 245.5090, 4.6791,
-7.4624

■ 248.4440, 3.2321,
-10.0364

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



206.5730, -35.7785, 42.4705



209.2150, -42.9970, 24.3674



204.3890, -33.7158, -12.6192

Triad

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



209.2150, -42.9970, 24.3674



167.0150, 43.3766, -146.4722



213.2090, 20.1100, 36.6507

Complementary

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



209.2150, -42.9970, 24.3674



149.7850, 42.9970, -24.3674

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.



213.1580, 20.6281, 10.3854



209.2150, -42.9970, 24.3674



181.1450, 36.4105, -105.3672

Square

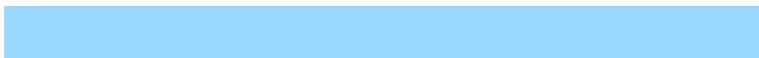
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.2150, -42.9970, 24.3674



182.6940, 16.9129, -104.9716



201.9080, 26.1744, -42.0153



203.9700, 2.4798, 44.7533

Rectangle

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



209.2150, -42.9970, 24.3674



199.6550, -20.5359, -40.0394



201.9080, 26.1744, -42.0153



216.2580, 19.0998, 33.9767

Sweetspot

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



209.2150, -42.9970, 24.3674



245.9720, -14.2832, 7.9176



159.4630, -5.1583, 67.9999



122.4430, -8.5994, 4.8735



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.



209.2150, -42.9970, 24.3674



219.3440, -55.3856, 31.2703



214.6210, -45.6622, -7.5606



114.5720, -4.2260, 2.1294



137.4730, -67.7742, 38.1732



40.8000, -20.1144, 11.5764

Inverse Universe

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



149.7850, 42.9970, -24.3674



142.6560, 55.3856, -31.2703



144.3790, 45.6622, 7.5606



108.4280, 4.2260, -2.1294



43.5270, 67.7742, -38.1732



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 209.2150, -42.9970, 24.3674 looks on a white background.

Color Contrast Check

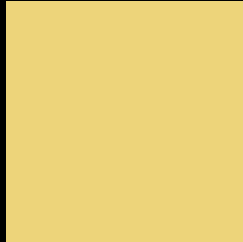
Large Text (above 18pt) WCAG AA × Fail

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 209.2150, -42.9970, 24.3674 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 209.2150, -42.9970, 24.3674

Background



This preview shows how black text looks on a background with the YUV color 209.2150, -42.9970, 24.3674.



This preview shows how white text looks on a background with the YUV color 209.2150, -42.9970,

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

209.2150, -42.9970, 24.3674

Protanopia

208.9050, -42.8442, 22.0083

Deuteranopia

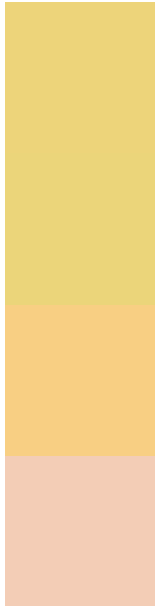
211.4970, -37.2200, 38.1521



Tritanopia

216.2790, 0.3555, 26.0653

Trichromacy



Original Color

209.2150, -42.9970, 24.3674

Protanomaly

209.2040, -42.9916, 22.6231

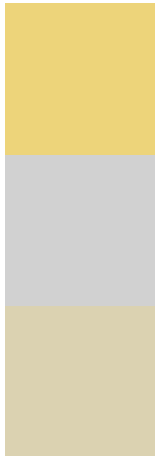
Deuteranomaly

210.5950, -39.2403, 32.8042

Tritanomaly

213.7400, -15.6478, 25.6610

Monochromacy



Original Color

209.2150, -42.9970, 24.3674

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9290, -15.7410, 8.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.2150, -42.9970, 24.3674 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(237, 212, 122)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 122)  
}
```

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(237, 212, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 122) }
```

Border

The CSS property to change the border of an element to YUV 209.2150, -42.9970, 24.3674 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(237, 212, 122) }
```


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

```
.border{ border-color:rgb(237, 212, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 212, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 122);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 209.2150, -42.9970, 24.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 122) }
```

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

```
.background{ background-color: rgb(237,  
212, 122) }
```

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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