

Converting Colors

YUV(212.5460, -24.9192,
12.6762)

Have a look what the booklet for
YUV(212.5460, -24.9192, 12.6762)
contains.

YUV(212.5460, -24.9192, 12.6762)	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(212.5460, -24.9192,
12.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7A2
RGB	227, 215, 162
RGB Percent	89%, 84%, 64%
CMY	0.1098, 0.1569, 0.3647
CMYK	0.00, 0.05, 0.29, 0.11
HSL	49°, 54%, 76%
HSV	49°, 29%, 89%
XYZ	62.5006, 67.5404, 43.9249
YIQ	212.5460, 24.1650, -13.9390

Conversions

Conversions Part 2

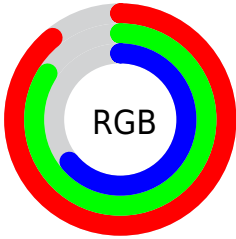
Format	Color
RYB	177, 227, 162
Decimal	14931874
CIELab	85.78, -3.89, 27.70
CIElCh	86, 27.969, 98.004
Yxy	67.5404, 0.3593, 0.3882
Android (android.graphics.Color)	4293121954 (0xFFE3D7A2)
YUV	212.5460, -24.9192, 12.6762
Hunter-Lab	82.1830, -8.0700, 25.8390

Details

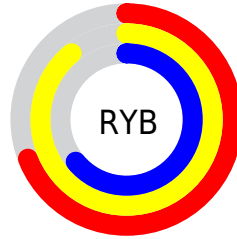
The YUV color $212.5460, -24.9192, 12.6762$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $176.4540, 24.9192, -12.6762$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $157.5890, -23.4614, 11.7614$ is the 20% darker color. If you saturate the color by 10%, you get $207.5760, -33.8080, 17.0348$, and if you desaturate by 10%, it is $217.5160, -16.0304, 8.3175$.

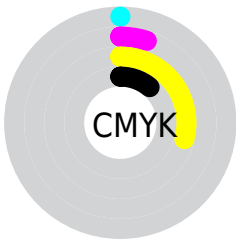
Distribution



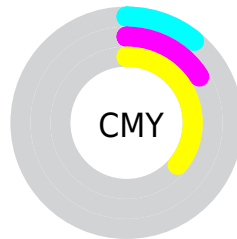
- Red (89%)
- Green (84%)
- Blue (64%)



- Red (69%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5460, -24.9192, 12.6762 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 212.5460, -24.9192, 12.6762 by changing the saturation by 10% instead.

■ 212.5460,
-24.9192, 12.6762

■ 212.5460,
-24.9192, 12.6762

255.0000, 0.0000,
0.0000

■ 184.7740,
-24.0456, 12.4762

■ 250.6680,
-16.5983, 3.7992

■ 157.5890,
-23.4614, 11.7614

■ 253.9740, -3.9312,
0.8998

■ 131.4040,
-22.8772, 11.0467

■ 106.2190,
-22.2930, 10.3319

■ 81.8490, -21.1246,
8.9024

■ 58.5500, -20.9771,
8.2877

■ 36.9350, -18.2090,

7.0730

■ 17.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 212.5460,
-24.9192, 12.6762

■ 212.5460,
-24.9192, 12.6762

■ 207.5760,
-33.8080, 17.0348

■ 217.5160,
-16.0304, 8.3175

■ 202.7200,
-42.2600, 21.2936

■ 222.3720, -7.5784,
4.0588

■ 197.1630,
-50.8594, 26.1670

■ 227.9290, 1.0210,
-0.8147

■ 192.1930,
-59.7481, 30.5257

■ 232.8990, 9.9098,
-5.1734

■ 187.3370,
-68.2001, 34.7845

■ 235.4750, 9.6258,
-7.4326

■ 182.3670,
-77.0889, 39.1431

■ 237.8230, 8.4683,
-9.4918

■ 177.3970,
-85.9777, 43.5018

■ 240.1710, 7.3107,
-11.5510

■ 176.4680,
-86.9987, 44.3166

■ 243.1060, 5.8637,
-14.1250

■ 245.4540, 4.7062,
-16.1842

Harmonies

Analogous

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



214.8950, -24.1052, 31.6641



212.5460, -24.9192, 12.6762



209.4120, -18.4441, -10.8853

Triad

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



212.5460, -24.9192, 12.6762



203.4410, 20.9816, -56.5148



219.2610, 7.7593, 31.3431

Complementary

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



212.5460, -24.9192, 12.6762



176.4540, 24.9192, -12.6762

Split Complementary

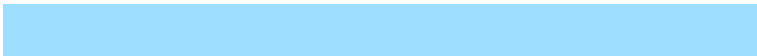
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.5770, 18.4495, 9.1410



212.5460, -24.9192, 12.6762



207.2130, 23.5590, -43.1598

Square

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



212.5460, -24.9192, 12.6762



203.2600, 8.7458, -51.9710



212.0960, 21.1517, -17.6242



214.4220, -3.1660, 35.5869

Rectangle

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



212.5460, -24.9192, 12.6762



206.7890, -10.2490, -26.1250



212.0960, 21.1517, -17.6242



218.9550, 11.8542, 24.5955

Sweetspot

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



212.5460, -24.9192, 12.6762



250.0300, -8.8888, 4.3587



182.9170, -3.9031, 38.6608



124.5290, -5.6838, 3.0441



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.



212.5460, -24.9192, 12.6762



235.6900, -33.3712, 16.9349



213.9090, -25.5911, -5.1822



112.4580, -4.6628, 2.2293



139.2230, -68.6369, 34.8844



39.9030, -19.6722, 9.7321

Inverse Universe

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



176.4540, 24.9192, -12.6762



187.3100, 33.3712, -16.9349



175.0910, 25.5911, 5.1822



105.5420, 4.6628, -2.2293



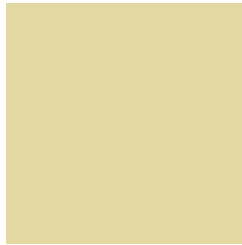
39.7770, 68.6369, -34.8844



11.0970, 19.6722, -9.7321

Previews

White Background



This preview shows how the YUV color 212.5460, -24.9192, 12.6762 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 212.5460, -24.9192, 12.6762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

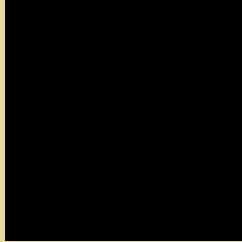
Any Text WCAG AA ✓ Pass

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 212.5460, -24.9192, 12.6762 Background



This preview shows how black text looks on a background with the YUV color 212.5460, -24.9192, 12.6762.



This preview shows how white text looks on a background with the YUV color 212.5460, -24.9192, 12.6762.

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

212.5460, -24.9192, 12.6762

Protanopia

212.8560, -25.0720, 15.0353

Deuteranopia

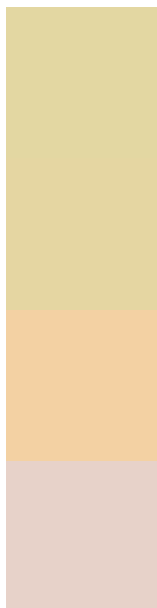
214.9660, -25.1262, 32.4788



Tritanopia

216.8970, 3.0088, 14.9993

Trichromacy



Original Color

212.5460, -24.9192, 12.6762

Protanomaly

212.5570, -24.9246, 14.4205

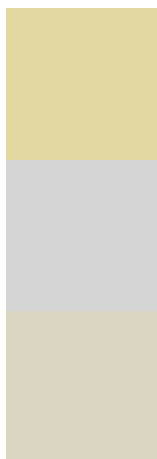
Deuteranomaly

213.9220, -25.1045, 25.5014

Tritanomaly

215.2530, -7.0267, 13.8101

Monochromacy



Original Color

212.5460, -24.9192, 12.6762

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5460, -24.9192, 12.6762 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(227, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 162)  
}
```

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(227, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 162) }
```

Border

The CSS property to change the border of an element to YUV 212.5460, -24.9192, 12.6762 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(227, 215, 162) }
```


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

```
.border{ border-color:rgb(227, 215, 162) }
```

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

Here you see how a box with a 4 pixel rgb(227, 215, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 212.5460, -24.9192, 12.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 162) }
```

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

```
.background{ background-color: rgb(227,  
215, 162) }
```

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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