

Converting Colors

YUV(217.2540, -15.4082,
-4.6078)

Have a look what the booklet for
YUV(217.2540, -15.4082, -4.6078)
contains.

YUV(217.2540, -15.4082, -4.6078)	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(217.2540, -15.4082,
-4.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2BA
RGB	212, 226, 186
RGB Percent	83%, 89%, 73%
CMY	0.1686, 0.1137, 0.2706
CMYK	0.06, 0.00, 0.18, 0.11
HSL	81°, 41%, 81%
HSV	81°, 18%, 89%
XYZ	63.2107, 71.9349, 57.0076
YIQ	217.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

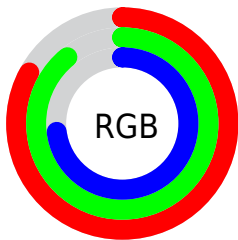
Format	Color
RYB	186, 226, 200
Decimal	13951674
CIELab	87.94, -11.57, 18.01
CIELCh	88, 21.403, 122.722
Yxy	71.9349, 0.3290, 0.3744
Android (android.graphics.Color)	4292141754 (0xFFD4E2BA)
YUV	217.2540, -15.4082, -4.6078
Hunter-Lab	84.8145, -15.3925, 19.5186

Details

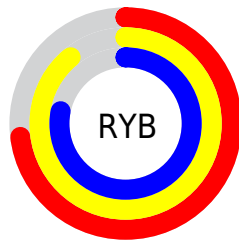
The YUV color $217.2540, -15.4082, -4.6078$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $194.7460, 15.4082, 4.6078$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $162.4820, -14.5346, -4.8077$ is the 20% darker color. If you saturate the color by 10%, you get $212.2400, -24.2753, -7.2265$, and if you desaturate by 10%, it is $222.2680, -6.5411, -1.9890$.

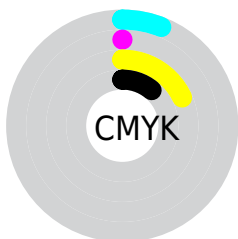
Distribution



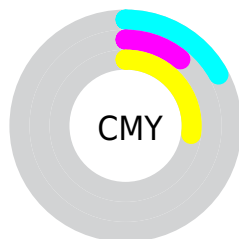
- Red (83%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2540, -15.4082, -4.6078 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 217.2540, -15.4082, -4.6078 by changing the saturation by 10% instead.

■ 217.2540,
-15.4082, -4.6078

■ 217.2540,
-15.4082, -4.6078

255.0000, 0.0000,
0.0000

■ 189.3680,
-14.9714, -4.7077

■ 253.5180, -5.6784,
1.2997

■ 162.4820,
-14.5346, -4.8077

■ 135.8950,
-14.2452, -4.2929

■ 111.0090,
-13.8084, -4.3929

■ 86.2370, -12.9348,
-4.5928

■ 62.7640, -12.2087,
-4.1780

■ 40.8780, -11.7719,

-4.2780

■ 20.0350, -9.8773,
-5.2927

■ 0.0000, 0.0000,
0.0000

■ 217.2540,
-15.4082, -4.6078

■ 217.2540,
-15.4082, -4.6078

■ 212.2400,
-24.2753, -7.2265

■ 222.2680, -6.5411,
-1.9890

■ 207.3400,
-32.7056, -9.9452

■ 227.1680, 1.8892,
0.7297

■ 202.3260,
-41.5727, -12.5639

■ 232.1820, 10.7563,
3.3484

■ 197.4260,
-50.0030, -15.2826

■ 234.6880, 10.0138,
8.1666

■ 192.4120,
-58.8701, -17.9013

■ 237.0800, 8.8346,
13.0848

■ 187.6970,
-67.8846, -19.9053

■ 237.9770, 8.3923,
14.9292

■ 182.7970,
-76.3149, -22.6240

■ 177.7830,
-85.1820, -25.2427

■ 176.6150,
-87.0712, -25.9724

Harmonies

Analogous

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



219.9250, -19.6830, 13.2208



217.2540, -15.4082, -4.6078



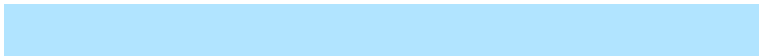
215.0220, -6.9128, -22.8213

Triad

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



217.2540, -15.4082, -4.6078



215.8290, 19.3113, -34.0530



222.1330, -1.5446, 28.8244

Complementary

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



217.2540, -15.4082, -4.6078



194.7460, 15.4082, 4.6078

Split Complementary

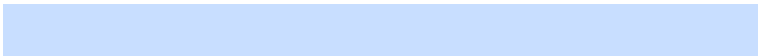
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.4940, 7.6445, 21.4918



217.2540, -15.4082, -4.6078



219.1840, 17.6573, -16.8244

Square

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



217.2540, -15.4082, -4.6078



212.8190, 14.3862, -41.0603



223.1480, 15.7030, 3.3782



221.0270, -10.8593, 29.7943

Rectangle

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



217.2540, -15.4082, -4.6078



213.3180, 0.8292, -32.7279



223.1480, 15.7030, 3.3782



223.5180, 1.2236, 27.6097

Sweetspot

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



217.2540, -15.4082, -4.6078



252.3220, -5.0887, -1.1594



206.1780, -9.9478, 17.3839



126.1910, -3.0522, -1.0445



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.



217.2540, -15.4082, -4.6078



243.1630, -20.7864, -6.2820



211.5730, -12.6075, -16.2885



109.5500, -4.2151, -1.3593



137.3980, -67.7372, -20.5200



37.4450, -18.4604, -5.6523

Inverse Universe

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



194.7460, 15.4082, 4.6078



212.8370, 20.7864, 6.2820



200.7260, 12.4601, 16.9033



103.4500, 4.2151, 1.3593



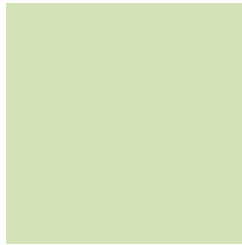
38.6020, 67.7372, 20.5200



10.5550, 18.4604, 5.6523

Previews

White Background



This preview shows how the YUV color 217.2540, -15.4082, -4.6078 looks on a white background.

Color Contrast Check

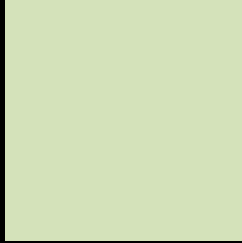
Large Text (above 18pt) WCAG AA × Fail

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 217.2540, -15.4082, -4.6078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

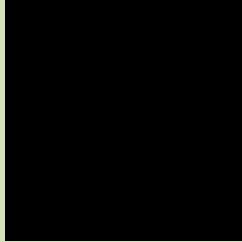
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

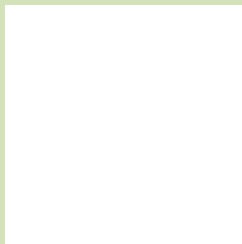
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.2540, -15.4082, -4.6078

Background



This preview shows how black text looks on a background with the YUV color 217.2540, -15.4082, -4.6078.



This preview shows how white text looks on a background with the YUV color 217.2540, -15.4082, -4.6078.

-4.6078.

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

217.2540, -15.4082, -4.6078

Protanopia

219.6690, -18.0778, 11.6913

Deuteranopia

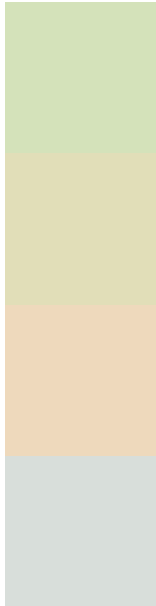
221.6370, -16.0900, 27.5054



Tritanopia

220.9380, 7.4256, -1.6996

Trichromacy



Original Color

217.2540, -15.4082, -4.6078

Protanomaly

218.5650, -17.0405, 5.6435

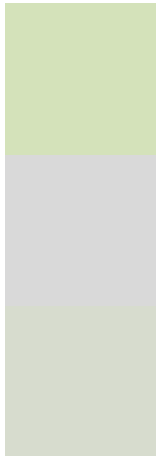
Deuteranomaly

219.9730, -15.7627, 15.8097

Tritanomaly

219.7500, -0.8628, -3.2887

Monochromacy



Original Color

217.2540, -15.4082, -4.6078

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9090, -5.3781, -1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2540, -15.4082, -4.6078 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, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 186)  
}
```

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, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 186) }
```

Border

The CSS property to change the border of an element to YUV 217.2540, -15.4082, -4.6078 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, 226, 186) }
```


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

```
.border{ border-color:rgb(212, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 217.2540, -15.4082, -4.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 186) }
```

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

```
.background{ background-color: rgb(212,  
226, 186) }
```

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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