

Converting Colors

YUV(218.4780, -15.0257,
12.7358)

Have a look what the booklet for
YUV(218.4780, -15.0257, 12.7358)
contains.

YUV(218.4780, -15.0257, 12.7358)	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(218.4780, -15.0257,
12.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D9BC
RGB	233, 217, 188
RGB Percent	91%, 85%, 74%
CMY	0.0863, 0.1490, 0.2627
CMYK	0.00, 0.07, 0.19, 0.09
HSL	39°, 51%, 83%
HSV	39°, 19%, 91%
XYZ	67.4942, 70.5802, 57.6430
YIQ	218.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

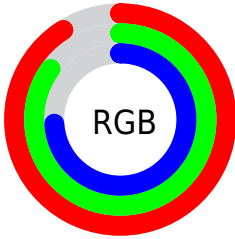
Format	Color
R _Y B	213, 233, 188
Decimal	15325628
CIE Lab	87.28, 0.90, 16.28
CIE LCh	87, 16.303, 86.818
Yxy	70.5802, 0.3449, 0.3606
Android (android.graphics.Color)	4293515708 (0xFFE9D9BC)
YUV	218.4780, -15.0257, 12.7358
Hunter-Lab	84.0120, -3.6163, 18.1279

Details

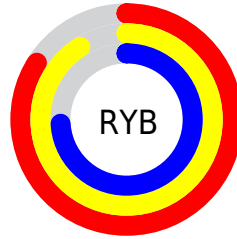
The YUV color $218.4780, -15.0257, 12.7358$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $202.5220, 15.0257, -12.7358$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $163.4070, -14.0047, 11.9211$ is the 20% darker color. If you saturate the color by 10%, you get $211.1600, -22.7569, 19.1537$, and if you desaturate by 10%, it is $225.7960, -7.2944, 6.3179$.

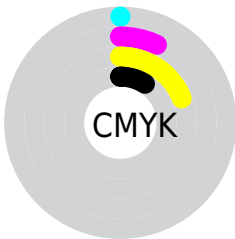
Distribution



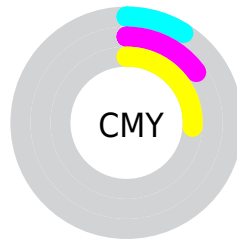
- Red (91%)
- Green (85%)
- Blue (74%)



- Red (84%)
- Yellow (91%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.4780, -15.0257, 12.7358 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 218.4780, -15.0257, 12.7358 by changing the saturation by 10% instead.

■ 218.4780,
-15.0257, 12.7358

■ 218.4780,
-15.0257, 12.7358

255.0000, 0.0000,
0.0000

■ 190.5920,
-14.5889, 12.6358

■ 253.7460, -4.8048,
1.0998

■ 163.4070,
-14.0047, 11.9211

■ 137.1080,
-13.8572, 11.3063

■ 111.9230,
-13.2730, 10.5915

■ 87.1510, -12.3994,
10.3916

■ 63.6670, -11.6678,
9.0620

■ 41.4820, -11.0836,

8.3473

■ 21.2970, -10.4994,
7.6325

■ 0.0000, 0.0000,
0.0000

■ 218.4780,
-15.0257, 12.7358

■ 218.4780,
-15.0257, 12.7358

■ 211.1600,
-22.7569, 19.1537

■ 225.7960, -7.2944,
6.3179

■ 203.1410,
-30.6355, 26.1863

■ 233.8150, 0.5842,
-0.7148

■ 195.8230,
-38.3667, 32.6042

■ 240.7910, 7.0050,
-6.8327

■ 188.5050,
-46.0980, 39.0221

■ 245.4870, 4.6899,
-10.9511

■ 181.1870,
-53.8292, 45.4400

■ 248.4220, 3.2430,
-13.5251

■ 173.1680,
-61.7078, 52.4727

■ 165.8500,
-69.4390, 58.8906

■ 158.5320,
-77.1703, 65.3084

■ 157.7170,
-77.7545, 66.0232

Harmonies

Analogous

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



220.0000, -13.3110, 22.8020



218.4780, -15.0257, 12.7358



216.6720, -12.6563, -0.5893

Triad

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



218.4780, -15.0257, 12.7358



213.2180, 9.2595, -30.0092



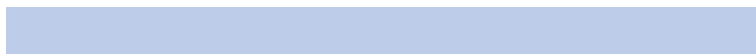
221.9230, 6.9400, 14.0995

Complementary

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



218.4780, -15.0257, 12.7358



202.5220, 15.0257, -12.7358

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.



220.0290, 12.8037, -0.0254



218.4780, -15.0257, 12.7358



215.2060, 14.1954, -26.4907

Square

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



218.4780, -15.0257, 12.7358



213.4760, 1.2443, -25.8505



217.9130, 15.3259, -15.7097



221.7410, -0.3653, 23.9061

Rectangle

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



218.4780, -15.0257, 12.7358



215.5290, -9.1348, -10.1109



217.9130, 15.3259, -15.7097



221.1720, 9.2822, 9.4962

Sweetspot

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



218.4780, -15.0257, 12.7358



250.3550, -5.1050, 4.0737



203.3930, 0.7923, 25.9653



124.6260, -2.7736, 2.9590



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.



218.4780, -15.0257, 12.7358



235.9470, -19.6939, 16.7095



226.0760, -18.7715, 0.8103



113.3980, -3.6472, 3.1590



122.7980, -60.5394, 51.0432



36.6910, -18.0887, 15.1800

Inverse Universe

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



202.5220, 15.0257, -12.7358



215.0530, 19.6939, -16.7095



194.9240, 18.7715, -0.8103



109.6020, 3.6472, -3.1590



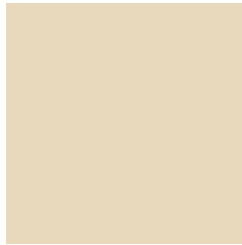
58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 218.4780, -15.0257, 12.7358 looks on a white background.

Color Contrast Check

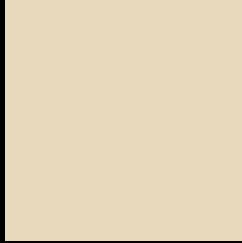
Large Text (above 18pt) WCAG AA × Fail

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 218.4780, -15.0257, 12.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

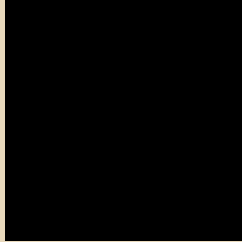
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

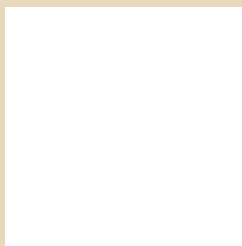
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.4780, -15.0257, 12.7358

Background



This preview shows how black text looks on a background with the YUV color 218.4780, -15.0257, 12.7358.

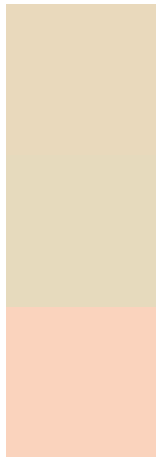


This preview shows how white text looks on a background with the YUV color 218.4780, -15.0257, 12.7358.

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

218.4780, -15.0257, 12.7358

Protanopia

218.2820, -14.4360, 10.2767

Deuteranopia

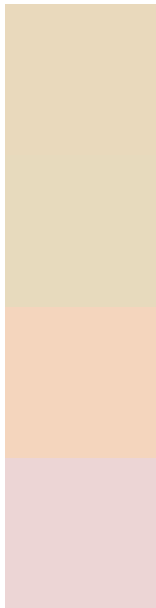
220.1530, -15.3584, 26.1758



Tritanopia

221.0110, 3.4456, 14.8994

Trichromacy



Original Color

218.4780, -15.0257, 12.7358

Protanomaly

218.5810, -14.5834, 10.8915

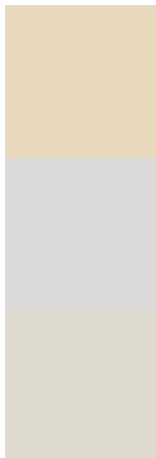
Deuteranomaly

219.5330, -15.0528, 21.4576

Tritanomaly

219.8770, -3.3904, 14.1399

Monochromacy



Original Color

218.4780, -15.0257, 12.7358

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4780, -15.0257, 12.7358 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(233, 217, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 188)  
}
```

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(233, 217, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 188) }
```

Border

The CSS property to change the border of an element to YUV 218.4780, -15.0257, 12.7358 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(233, 217, 188) }
```


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

```
.border{ border-color:rgb(233, 217, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 217, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 218.4780, -15.0257, 12.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 188) }
```

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

```
.background{ background-color: rgb(233,  
217, 188) }
```

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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