

Converting Colors

YUV(218.2740, -25.7711,
5.8987)

Have a look what the booklet for
YUV(218.2740, -25.7711, 5.8987)
contains.

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Color

**YUV(218.2740, -25.7711,
5.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1A6
RGB	225, 225, 166
RGB Percent	88%, 88%, 65%
CMY	0.1176, 0.1176, 0.3490
CMYK	0.00, 0.00, 0.26, 0.12
HSL	60°, 50%, 77%
HSV	60°, 26%, 88%
XYZ	64.8595, 72.6112, 46.6733
YIQ	218.2740, 18.9390, -18.3490

Conversions

Conversions Part 2

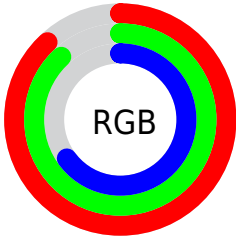
Format	Color
RYB	166, 225, 166
Decimal	14803366
CIELab	88.26, -9.21, 28.96
CIELCh	88, 30.391, 107.634
Yxy	72.6112, 0.3522, 0.3943
Android (android.graphics.Color)	4292993446 (0xFFE1E1A6)
YUV	218.2740, -25.7711, 5.8987
Hunter-Lab	85.2122, -13.2555, 27.1736

Details

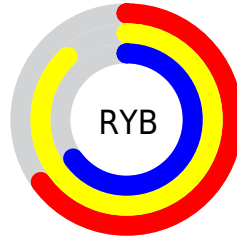
The YUV color **218.2740, -25.7711, 5.8987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.7260, 25.7711, -5.8987**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1240, -14.8511, 3.3993**, and **163.3170, -24.3133, 4.9840** is the 20% darker color. If you saturate the color by 10%, you get **215.7660, -35.3806, 8.0982**, and if you desaturate by 10%, it is **220.8960, -15.7247, 3.5992**.

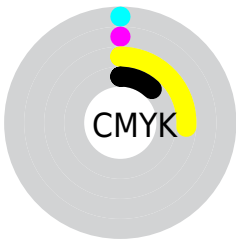
Distribution



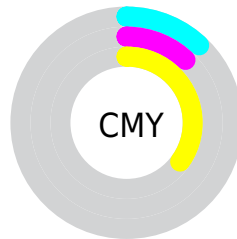
- Red (88%)
- Green (88%)
- Blue (65%)



- Red (65%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2740, -25.7711, 5.8987 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 218.2740, -25.7711, 5.8987 by changing the saturation by 10% instead.

■ 218.2740,
-25.7711, 5.8987

■ 218.2740,
-25.7711, 5.8987

255.0000, 0.0000,
0.0000

■ 190.3880,
-25.3343, 5.7987

■ 251.1240,
-14.8511, 3.3993

■ 163.3170,
-24.3133, 4.9840

■ 254.4300, -2.1840,
0.4999

■ 136.5450,
-23.4397, 4.7840

■ 111.3600,
-22.8555, 4.0693

■ 86.5880, -21.9819,
3.8693

■ 62.9900, -21.6871,
2.6398

■ 40.7450, -20.0873,

2.8546

■ 21.8290, -10.7617,
-1.6040

■ 0.0000, 0.0000,
0.0000

■ 218.2740,
-25.7711, 5.8987

■ 218.2740,
-25.7711, 5.8987

■ 215.7660,
-35.3806, 8.0982

■ 220.8960,
-15.7247, 3.5992

■ 213.1440,
-45.4270, 10.3977

■ 223.4040, -6.1152,
1.3997

■ 210.6360,
-55.0365, 12.5972

■ 226.0260, 3.9312,
-0.8998

■ 208.0140,
-65.0829, 14.8967

■ 228.4200, 13.1039,
-2.9993

■ 205.5060,
-74.6925, 17.0962

■ 202.8840,
-84.7388, 19.3957

■ 200.3760,
-94.3484, 21.5952

■ 199.3500,
-98.2795, 22.4951

Harmonies

Analogous

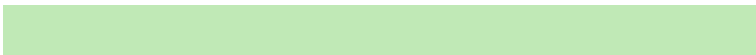
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.9610, -27.5888, 28.9752



218.2740, -25.7711, 5.8987



214.9270, -16.2330, -20.1070

Triad

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



218.2740, -25.7711, 5.8987



209.1740, 22.5922, -59.7886



221.6090, 6.6018, 29.2839

Complementary

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



218.2740, -25.7711, 5.8987



172.7260, 25.7711, -5.8987

Split Complementary

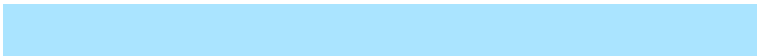
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.0190, 14.7806, 19.2773



218.2740, -25.7711, 5.8987



213.7360, 20.3432, -38.3565

Square

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



218.2740, -25.7711, 5.8987



208.3990, 14.5933, -60.8629



219.8260, 17.3408, -8.6174



217.6020, -6.2128, 32.7980

Rectangle

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



218.2740, -25.7711, 5.8987



212.0480, -6.4327, -36.8761



219.8260, 17.3408, -8.6174



223.2220, 10.2436, 27.8693

Sweetspot

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



218.2740, -25.7711, 5.8987



252.7200, -8.7360, 1.9996



183.6410, -8.6970, 36.2718



126.5180, -5.6784, 1.2997



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.



218.2740, -25.7711, 5.8987



245.9940, -34.5070, 7.8983



209.6030, -21.4963, -11.9298



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



172.7260, 25.7711, -5.8987



185.0060, 34.5070, -7.8983



181.6960, 21.3489, 12.5446



102.2540, 4.8048, -1.0998



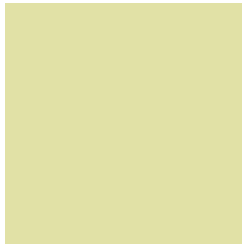
20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 218.2740, -25.7711, 5.8987 looks on a white background.

Color Contrast Check

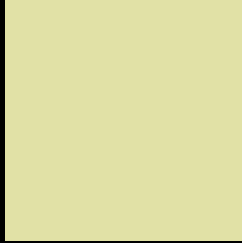
Large Text (above 18pt) WCAG AA × Fail

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 218.2740, -25.7711, 5.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

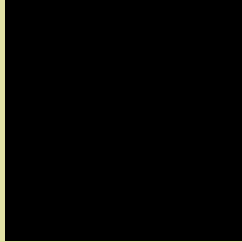
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

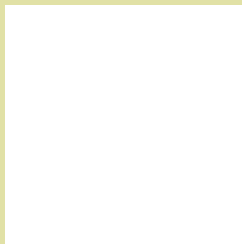
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.2740, -25.7711, 5.8987

Background



This preview shows how black text looks on a background with the YUV color 218.2740, -25.7711, 5.8987.



This preview shows how white text looks on a background with the YUV color 218.2740, -25.7711, 5.8987.

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

218.2740, -25.7711, 5.8987

Protanopia

219.2860, -27.2560, 15.5352

Deuteranopia

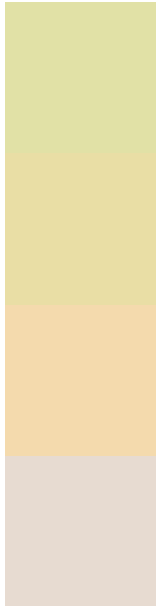
222.0410, -22.2052, 28.9050



Tritanopia

223.3200, 4.7722, 9.3664

Trichromacy



Original Color

218.2740, -25.7711, 5.8987

Protanomaly

218.7910, -26.5190, 12.4613

Deuteranomaly

220.6440, -23.4885, 20.4832

Tritanomaly

221.4480, -6.1369, 8.3771

Monochromacy



Original Color

218.2740, -25.7711, 5.8987

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.4920, -9.6096, 2.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2740, -25.7711, 5.8987 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(225, 225, 166)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 166)  
}
```

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(225, 225, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 166) }
```

Border

The CSS property to change the border of an element to YUV 218.2740, -25.7711, 5.8987 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(225, 225, 166) }
```


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

```
.border{ border-color:rgb(225, 225, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 166);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 218.2740, -25.7711, 5.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 166) }
```

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

```
.background{ background-color: rgb(225,  
225, 166) }
```

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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