

Converting Colors

YUV(226.2500, -15.8993,
12.9358)

Have a look what the booklet for
YUV(226.2500, -15.8993, 12.9358)
contains.

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Color

**YUV(226.2500, -15.8993,
12.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E1C2
RGB	241, 225, 194
RGB Percent	95%, 88%, 76%
CMY	0.0549, 0.1176, 0.2392
CMYK	0.00, 0.07, 0.20, 0.05
HSL	40°, 63%, 85%
HSV	40°, 20%, 95%
XYZ	72.9384, 76.4462, 61.9503
YIQ	226.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

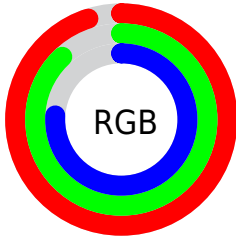
Format	Color
R _Y B	218, 241, 194
Decimal	15851970
CIE Lab	90.07, 0.58, 17.15
CIE LCh	90, 17.156, 88.051
Yxy	76.4462, 0.3451, 0.3617
Android (android.graphics.Color)	4294042050 (0xFFFF1E1C2)
YUV	226.2500, -15.8993, 12.9358
Hunter-Lab	87.4335, -4.1012, 19.1941

Details

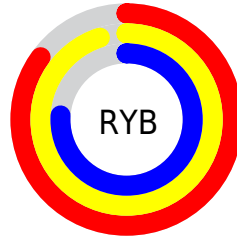
The YUV color $226.2500, -15.8993, 12.9358$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $208.7500, 15.8993, -12.9358$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $171.0650, -15.3150, 12.2210$ is the 20% darker color. If you saturate the color by 10%, you get $218.8180, -24.0673, 19.4536$, and if you desaturate by 10%, it is $233.6820, -7.7312, 6.4179$.

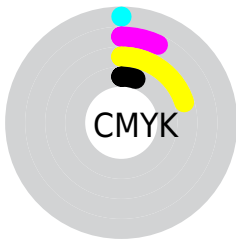
Distribution



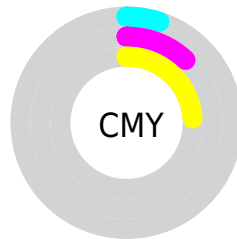
- Red (95%)
- Green (88%)
- Blue (76%)



- Red (85%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.2500, -15.8993, 12.9358 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 226.2500, -15.8993, 12.9358 by changing the saturation by 10% instead.

■ 226.2500,
-15.8993, 12.9358

■ 226.2500,
-15.8993, 12.9358

255.0000, 0.0000,
0.0000

■ 198.0650,
-15.3150, 12.2210

■ 254.5440, -1.7472,
0.3999

■ 171.0650,
-15.3150, 12.2210

■ 143.9940,
-14.2940, 11.4063

■ 118.6950,
-14.1466, 10.7915

■ 93.6240, -13.1256,
9.9768

■ 70.3250, -12.9782,
9.3620

■ 47.2540, -11.9572,

8.5472

■ 26.6130, -13.1202,
8.2324

■ 0.5980, -0.2948,
1.2296

■ 226.2500,
-15.8993, 12.9358

■ 226.2500,
-15.8993, 12.9358

■ 218.8180,
-24.0673, 19.4536

■ 233.6820, -7.7312,
6.4179

■ 211.3860,
-32.2353, 25.9715

■ 241.1140, 0.4368,
-0.1000

■ 203.3670,
-40.1139, 33.0041

■ 247.8790, 3.5107,
-6.0329

■ 195.9350,
-48.2820, 39.5220

■ 250.8140, 2.0637,
-8.6069

■ 188.5030,
-56.4500, 46.0399

■ 180.9570,
-65.0548, 52.6577

■ 173.5250,
-73.2228, 59.1756

■ 165.5060,
-81.1015, 66.2082

■ 165.3920,
-81.5383, 66.3082

Harmonies

Analogous

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



228.0710, -14.3320, 23.6167



226.2500, -15.8993, 12.9358



224.1450, -13.3825, -1.0042

Triad

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



226.2500, -15.8993, 12.9358



221.0220, 9.8492, -32.4683



229.6350, 7.0819, 15.2291

Complementary

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



226.2500, -15.8993, 12.9358



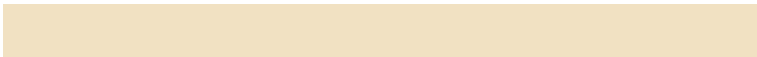
208.7500, 15.8993, -12.9358

Split Complementary

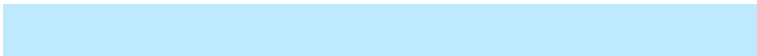
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.1430, 13.2405, -0.1254



226.2500, -15.8993, 12.9358



222.8360, 15.3639, -27.9202

Square

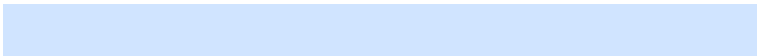
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2500, -15.8993, 12.9358



220.9920, 1.9759, -27.1800



225.0980, 14.7417, -14.9949



228.4420, -0.2179, 23.2914

Rectangle

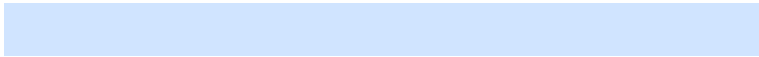
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.2500, -15.8993, 12.9358



222.8170, -9.2768, -11.2405



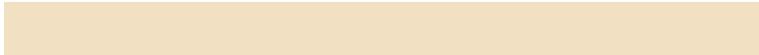
225.0980, 14.7417, -14.9949



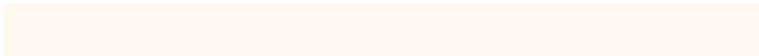
229.2970, 9.7136, 11.1405

Sweetspot

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



226.2500, -15.8993, 12.9358



250.3550, -5.1050, 4.0737



209.8770, 0.0606, 27.2949



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.



226.2500, -15.8993, 12.9358



236.5340, -19.9833, 16.1947



233.5490, -19.4977, 0.3955



116.2840, -4.0840, 3.2589



126.0430, -62.1392, 50.8283



38.4630, -18.9623, 15.3799

Inverse Universe

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



208.7500, 15.8993, -12.9358



214.4660, 19.9833, -16.1947



201.4510, 19.4977, -0.3955



111.7160, 4.0840, -3.2589



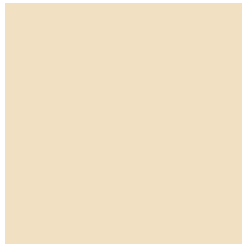
57.9570, 62.1392, -50.8283



17.5370, 18.9623, -15.3799

Previews

White Background



This preview shows how the YUV color 226.2500, -15.8993, 12.9358 looks on a white background.

Color Contrast Check

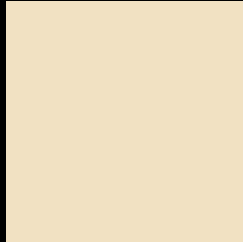
Large Text (above 18pt) WCAG AA × Fail

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 226.2500, -15.8993, 12.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

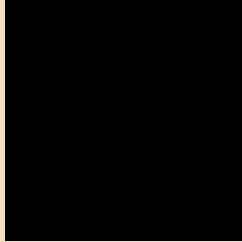
Any Text WCAG AA ✓ Pass

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 226.2500, -15.8993, 12.9358 Background



This preview shows how black text looks on a background with the YUV color 226.2500, -15.8993, 12.9358.



This preview shows how white text looks on a background with the YUV color 226.2500, -15.8993, 12.9358.

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

226.2500, -15.8993, 12.9358

Protanopia

225.9400, -15.7464, 10.5766

Deuteranopia

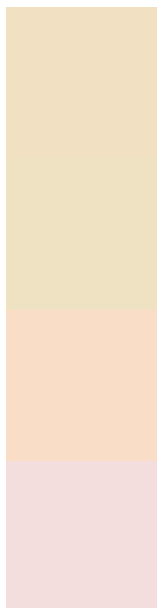
227.5980, -13.6058, 24.0316



Tritanopia

229.0110, 3.4456, 14.8994

Trichromacy



Original Color

226.2500, -15.8993, 12.9358

Protanomaly

226.2390, -15.8938, 11.1914

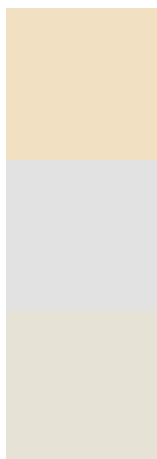
Deuteranomaly

227.0490, -14.3212, 20.1280

Tritanomaly

227.8770, -3.3904, 14.1399

Monochromacy



Original Color

226.2500, -15.8993, 12.9358

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.2500, -15.8993, 12.9358 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(241, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 194)  
}
```

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(241, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 194) }
```

Border

The CSS property to change the border of an element to YUV 226.2500, -15.8993, 12.9358 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(241, 225, 194) }
```


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

```
.border{ border-color:rgb(241, 225, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 225, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 226.2500, -15.8993, 12.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 194) }
```

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

```
.background{ background-color: rgb(241,  
225, 194) }
```

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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