

Converting Colors

YUV(215.5830, -24.4444,
0.3657)

Have a look what the booklet for
YUV(215.5830, -24.4444, 0.3657)
contains.

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Color

**YUV(215.5830, -24.4444,
0.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E1A6
RGB	216, 225, 166
RGB Percent	85%, 88%, 65%
CMY	0.1529, 0.1176, 0.3490
CMYK	0.04, 0.00, 0.26, 0.12
HSL	69°, 50%, 77%
HSV	69°, 26%, 88%
XYZ	62.1271, 71.2025, 46.5454
YIQ	215.5830, 13.5750, -20.2570

Conversions

Conversions Part 2

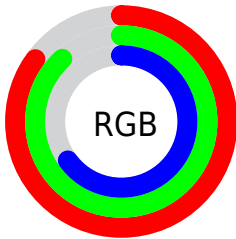
Format	Color
RYB	166, 225, 175
Decimal	14213542
CIELab	87.58, -12.55, 27.93
CIELCh	88, 30.621, 114.199
Yxy	71.2025, 0.3454, 0.3958
Android (android.graphics.Color)	4292403622 (0xFFD8E1A6)
YUV	215.5830, -24.4444, 0.3657
Hunter-Lab	84.3816, -16.2448, 26.3624

Details

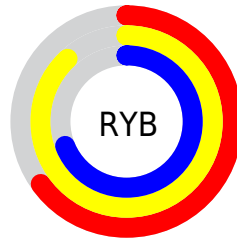
The YUV color $215.5830, -24.4444, 0.3657$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.4170, 24.4444, -0.3657$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $160.9250, -23.1340, 0.0658$ is the 20% darker color. If you saturate the color by 10%, you get $212.1780, -33.6118, 0.7209$, and if you desaturate by 10%, it is $219.1020, -14.8403, -0.0895$.

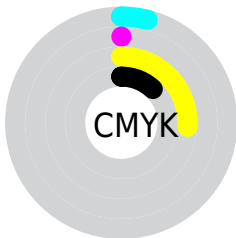
Distribution



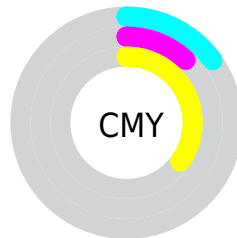
- Red (85%)
- Green (88%)
- Blue (65%)



- Red (65%)
- Yellow (88%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)





- Cyan (15%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5830, -24.4444, 0.3657 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 215.5830, -24.4444, 0.3657 by changing the saturation by 10% instead.


 215.5830,
-24.4444, 0.3657

 215.5830,
-24.4444, 0.3657


255.0000, 0.0000,
0.0000

 187.6970,
-24.0076, 0.2657


 251.1240,
-14.8511, 3.3993


 160.9250,
-23.1340, 0.0658

 254.4300, -2.1840,
0.4999

 134.1530,
-22.2604, -0.1342

 108.9680,
-21.6762, -0.8489

 84.1960, -20.8026,
-1.0489

 60.8970, -20.6552,
-1.6637

 38.6520, -19.0554,

-1.4488

■ 18.8390, -9.2876,
-7.7518

■ 0.0000, 0.0000,
0.0000

■ 215.5830,
-24.4444, 0.3657

■ 215.5830,
-24.4444, 0.3657

■ 212.1780,
-33.6118, 0.7209

■ 219.1020,
-14.8403, -0.0895

■ 208.3600,
-43.0685, 0.5613

■ 222.8060, -5.8204,
0.1701

■ 204.9550,
-52.2358, 0.9165

■ 226.3250, 3.7838,
-0.2850

■ 201.1370,
-61.6925, 0.7569

■ 229.9150, 12.3669,
0.0745

■ 197.7320,
-70.8599, 1.1120

■ 230.8120, 11.9247,
1.9189

■ 193.9140,
-80.3166, 0.9524

■ 232.0080, 11.3351,
4.3780

■ 190.5090,
-89.4839, 1.3076

■ 232.9050, 10.8928,
6.2223

■ 189.1840,
-93.2677, 1.5926

■ 233.8020, 10.4506,
8.0666

■ 234.9980, 9.8610,
10.5258

Harmonies

Analogous

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



218.8140, -28.0093, 23.8421



215.5830, -24.4444, 0.3657



211.9910, -13.3066, -25.4251

Triad

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



215.5830, -24.4444, 0.3657



208.0110, 23.1656, -57.0146



218.8220, 3.5388, 31.7281

Complementary

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



215.5830, -24.4444, 0.3657



175.4170, 24.4444, -0.3657

Split Complementary

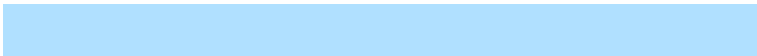
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.0520, 14.7644, 24.5104



215.5830, -24.4444, 0.3657



213.1820, 20.6163, -32.6086

Square

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



215.5830, -24.4444, 0.3657



206.1860, 17.6563, -63.3071



219.5710, 17.4665, -2.2548



216.1030, -9.4178, 34.1127

Rectangle

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



215.5830, -24.4444, 0.3657



209.2260, -3.0694, -42.2942



219.5710, 17.4665, -2.2548



220.5490, 7.6173, 30.2135

Sweetspot

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



215.5830, -24.4444, 0.3657



251.8230, -8.2937, 0.1552



188.9240, -11.3015, 31.6387



125.9200, -5.3836, 0.0702



0.0000, 0.0000, 0.0000



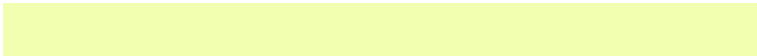
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.5830, -24.4444, 0.3657



242.4060, -32.7382, 0.5209



206.9120, -20.1696, -17.4628



110.1480, -4.5100, -0.1298



147.8630, -72.8965, 0.9971



40.4350, -19.9345, 0.4955

Inverse Universe

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



175.4170, 24.4444, -0.3657



188.5940, 32.7382, -0.5209



184.0880, 20.1696, 17.4628



102.8520, 4.5100, 0.1298



28.1370, 72.8965, -0.9971



7.5650, 19.9345, -0.4955

Previews

White Background



This preview shows how the YUV color 215.5830, -24.4444, 0.3657 looks on a white background.

Color Contrast Check

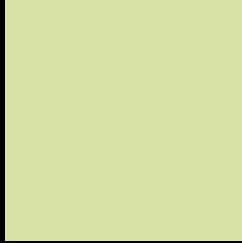
Large Text (above 18pt) WCAG AA × Fail

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 215.5830, -24.4444, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

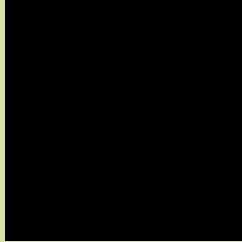
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

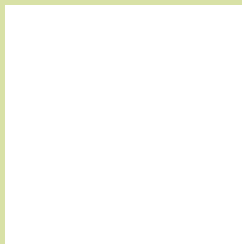
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.5830, -24.4444, 0.3657

Background



This preview shows how black text looks on a background with the YUV color 215.5830, -24.4444, 0.3657.



This preview shows how white text looks on a background with the YUV color 215.5830, -24.4444, 0.3657.

0.3657.

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

215.5830, -24.4444, 0.3657

Protanopia

217.4000, -26.8192, 15.4352

Deuteranopia

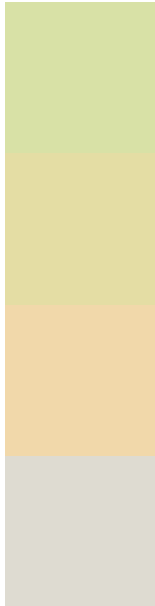
219.8240, -23.0842, 30.8494



Tritanopia

220.6290, 6.0989, 3.8334

Trichromacy



Original Color

215.5830, -24.4444, 0.3657

Protanomaly

216.5950, -25.9293, 10.0022

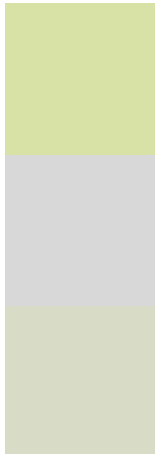
Deuteranomaly

218.2310, -23.7779, 19.9684

Tritanomaly

218.7570, -4.8102, 2.8441

Monochromacy



Original Color

215.5830, -24.4444, 0.3657

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7090, -8.7305, 0.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5830, -24.4444, 0.3657 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(216, 225, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 225, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 166) }
```

Border

The CSS property to change the border of an element to YUV 215.5830, -24.4444, 0.3657 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(216, 225, 166) }
```


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

```
.border{ border-color:rgb(216, 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(216, 225, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 225, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 225, 166); box-shadow:4px 4px 4px 4px rgb(216, 225, 166) }
```

Background

The CSS property to change the background color of an element to YUV 215.5830, -24.4444, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 225, 166) }
```

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

```
.background{ background-color: rgb(216,  
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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