

Converting Colors

YUV(211.6110, -23.4722,
15.2502)

Have a look what the booklet for
YUV(211.6110, -23.4722, 15.2502)
contains.

YUV(211.6110, -23.4722, 15.2502)	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(211.6110, -23.4722,
15.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D4A4
RGB	229, 212, 164
RGB Percent	90%, 83%, 64%
CMY	0.1020, 0.1686, 0.3569
CMYK	0.00, 0.07, 0.28, 0.10
HSL	44°, 56%, 77%
HSV	44°, 28%, 90%
XYZ	62.5574, 66.4253, 44.6462
YIQ	211.6110, 25.5400, -11.3240

Conversions

Conversions Part 2

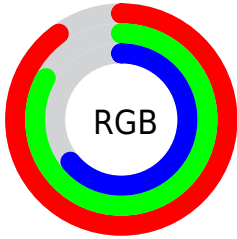
Format	Color
RYB	187, 229, 164
Decimal	15062180
CIELab	85.21, -1.34, 25.92
CIELCh	85, 25.956, 92.948
Yxy	66.4253, 0.3603, 0.3826
Android (android.graphics.Color)	4293252260 (0xFFE5D4A4)
YUV	211.6110, -23.4722, 15.2502
Hunter-Lab	81.5017, -5.6187, 24.5725

Details

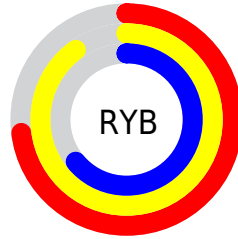
The YUV color $211.6110, -23.4722, 15.2502$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $181.3890, 23.4722, -15.2502$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, -15.7247, 3.5992$, and $157.2410, -22.3038, 13.8206$ is the 20% darker color. If you saturate the color by 10%, you get $205.4670, -31.7822, 20.6384$, and if you desaturate by 10%, it is $217.7550, -15.1622, 9.8619$.

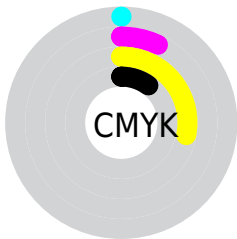
Distribution



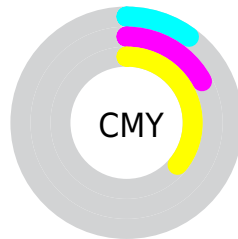
- Red (90%)
- Green (83%)
- Blue (64%)



- Red (73%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.6110, -23.4722, 15.2502 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 211.6110, -23.4722, 15.2502 by changing the saturation by 10% instead.

■ 211.6110,
-23.4722, 15.2502

■ 211.6110,
-23.4722, 15.2502

255.0000, 0.0000,
0.0000

■ 183.8390,
-22.5986, 15.0502

■ 250.8960,
-15.7247, 3.5992

■ 157.2410,
-22.3038, 13.8206

■ 254.2020, -3.0576,
0.6998

■ 130.4690,
-21.4302, 13.6207

■ 104.9850,
-20.6986, 12.2912

■ 80.9140, -19.6776,
11.4764

■ 57.4300, -18.9460,
10.1469

■ 36.3590, -17.9250,

9.3322

■ 17.1440, -8.4520,
4.2587

■ 0.0000, 0.0000,
0.0000

■ 211.6110,
-23.4722, 15.2502

■ 211.6110,
-23.4722, 15.2502

■ 205.4670,
-31.7822, 20.6384

■ 217.7550,
-15.1622, 9.8619

■ 199.3230,
-40.0922, 26.0267

■ 223.8990, -6.8522,
4.4736

■ 193.1790,
-48.4022, 31.4150

■ 230.0430, 1.4578,
-0.9147

■ 187.0350,
-56.7123, 36.8033

■ 236.0730, 9.3310,
-6.2030

■ 180.8910,
-65.0223, 42.1916

■ 239.5950, 7.5947,
-9.2918

■ 174.8610,
-72.8955, 47.4799

■ 243.1170, 5.8583,
-12.3806

■ 168.7170,
-81.2055, 52.8682

■ 246.6390, 4.1220,
-15.4694

■ 167.6740,
-82.6633, 53.7829

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



213.8780, -21.6319, 31.6790



211.6110, -23.4722, 15.2502



208.4450, -18.4604, -5.6523

Triad

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



211.6110, -23.4722, 15.2502



202.9640, 17.7657, -51.7114



217.5700, 9.0860, 25.8101

Complementary

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



211.6110, -23.4722, 15.2502



181.3890, 23.4722, -15.2502

Split Complementary

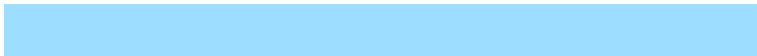
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6580, 18.9026, 3.8079



211.6110, -23.4722, 15.2502



205.7400, 24.2852, -42.7450

Square

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



211.6110, -23.4722, 15.2502



203.0930, 5.3772, -44.8086



210.6010, 21.8887, -20.6981



214.7640, -1.8557, 35.2870

Rectangle

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



211.6110, -23.4722, 15.2502



206.4800, -11.5756, -20.5920



210.6010, 21.8887, -20.6981



217.1500, 12.7441, 19.1625

Sweetspot

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



211.6110, -23.4722, 15.2502



248.8560, -8.3100, 5.3883



185.3730, -2.1559, 38.2609



123.9420, -5.3944, 3.5589



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.



211.6110, -23.4722, 15.2502



231.5810, -31.3454, 20.5385



217.1050, -26.1808, -2.7231



111.8710, -4.3734, 2.7441



131.0050, -64.5855, 42.0916



37.5550, -18.5146, 11.7913

Inverse Universe

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



181.3890, 23.4722, -15.2502



191.4190, 31.3454, -20.5385



175.8950, 26.1808, 2.7231



106.1290, 4.3734, -2.7441



47.9950, 64.5855, -42.0916



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 211.6110, -23.4722, 15.2502 looks on a white background.

Color Contrast Check

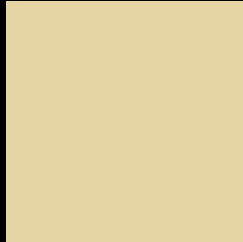
Large Text (above 18pt) WCAG AA × Fail

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 211.6110, -23.4722, 15.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

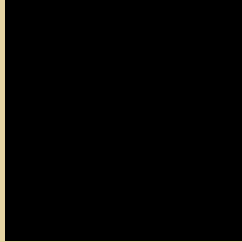
Any Text WCAG AA ✓ Pass

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 211.6110, -23.4722, 15.2502 Background



This preview shows how black text looks on a background with the YUV color 211.6110, -23.4722, 15.2502.

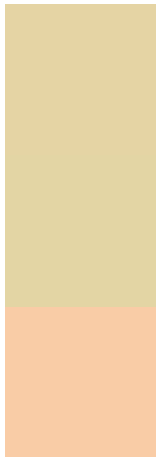


This preview shows how white text looks on a background with the YUV color 211.6110, -23.4722, 15.2502.

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

211.6110, -23.4722, 15.2502

Protanopia

211.6000, -23.4668, 13.5058

Deuteranopia

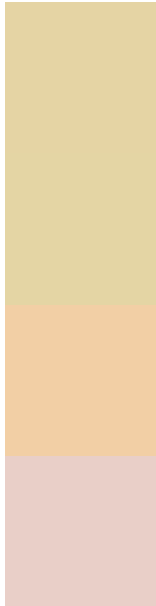
213.1230, -23.2316, 31.4641



Tritanopia

215.3920, 2.2717, 18.0732

Trichromacy



Original Color

211.6110, -23.4722, 15.2502

Protanomaly

211.8990, -23.6142, 14.1206

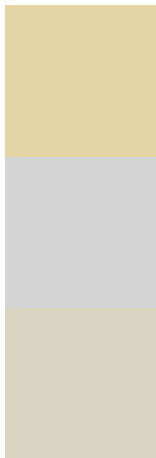
Deuteranomaly

212.6770, -23.5048, 25.7163

Tritanomaly

213.9760, -6.8902, 16.6840

Monochromacy



Original Color

211.6110, -23.4722, 15.2502

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6110, -23.4722, 15.2502 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(229, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 164)  
}
```

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(229, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 164) }
```

Border

The CSS property to change the border of an element to YUV 211.6110, -23.4722, 15.2502 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(229, 212, 164) }
```


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

```
.border{ border-color:rgb(229, 212, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 211.6110, -23.4722, 15.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 164) }
```

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

```
.background{ background-color: rgb(229,  
212, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor