

Converting Colors

YUV(135.4400, -23.8809,
53.1111)

Have a look what the booklet for
YUV(135.4400, -23.8809, 53.1111)
contains.

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Color

**YUV(135.4400, -23.8809,
53.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	C47257
RGB	196, 114, 87
RGB Percent	77%, 45%, 34%
CMY	0.2314, 0.5529, 0.6588
CMYK	0.00, 0.42, 0.56, 0.23
HSL	15°, 48%, 55%
HSV	15°, 56%, 77%
XYZ	30.5026, 24.4585, 12.1301
YIQ	135.4400, 57.5390, 8.9870

Conversions

Conversions Part 2

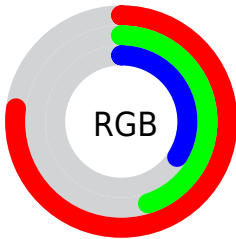
Format	Color
RYB	196, 123, 87
Decimal	12874327
CIELab	56.54, 29.63, 28.84
CIELCh	57, 41.352, 44.224
Yxy	24.4585, 0.4546, 0.3646
Android (android.graphics.Color)	4291064407 (0xFFC47257)
YUV	135.4400, -23.8809, 53.1111
Hunter-Lab	49.4555, 23.5458, 20.0766

Details

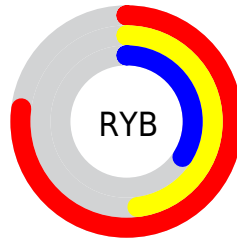
The YUV color **135.4400, -23.8809, 53.1111** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **147.5600, 23.8809, -53.1111**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8920, -26.0758, 57.0997**, and **83.5040, -20.9545, 47.7930** is the 20% darker color. If you saturate the color by 10%, you get **124.3550, -28.2760, 62.8327**, and if you desaturate by 10%, it is **146.5250, -19.4858, 43.3896**.

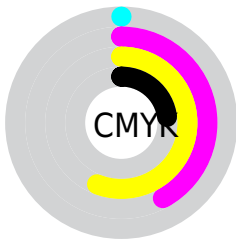
Distribution



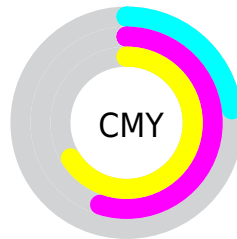
- Red (77%)
- Green (45%)
- Blue (34%)



- Red (77%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4400, -23.8809, 53.1111 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 135.4400, -23.8809, 53.1111 by changing the saturation by 10% instead.


 135.4400,
-23.8809, 53.1111

 135.4400,
-23.8809, 53.1111


255.0000, 0.0000,
0.0000


 109.3580,
-22.8545, 50.5520


 189.8920,
-26.0758, 57.0997

 83.5040, -20.9545,
47.7930


 208.8190,
-22.0958, 40.5007


 59.1230, -19.7806,
44.6191


 228.3330,
-18.4052, 23.3870

 34.2090, -16.8650,
42.7897

 248.5480,
-14.5672, 5.6584

 16.7440, -8.2548,
34.4275

 254.0880, -3.4944,
0.7998

 8.4860, -3.6906,
17.1138

 0.0000, 0.0000,

0.0000

■ 135.4400,
-23.8809, 53.1111

■ 135.4400,
-23.8809, 53.1111

■ 124.3550,
-28.2760, 62.8327

■ 146.5250,
-19.4858, 43.3896

■ 113.9710,
-32.5237, 71.9394

■ 156.9090,
-15.2381, 34.2828

■ 102.8860,
-36.9188, 81.6610

■ 167.9940,
-10.8430, 24.5613

■ 91.9150, -40.8771,
91.2825

■ 178.9650, -6.8847,
14.9397

■ 87.3670, -43.0719,
95.2711

■ 190.0500, -2.4896,
5.2182

■ 200.5480, 2.1948,
-3.9886

■ 211.5190, 6.1531,
-13.6102

■ 222.6040, 10.5482,
-23.3317

■ 232.6630, 11.0121,
-32.1535

Harmonies

Analogous

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



136.8980, -8.3307, 58.8485



135.4400, -23.8809, 53.1111



133.8000, -33.4254, 34.3784

Triad

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



135.4400, -23.8809, 53.1111



116.0770, -0.5310, -63.2115



133.4340, 35.2820, -23.1826

Complementary

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



135.4400, -23.8809, 53.1111



147.5600, 23.8809, -53.1111

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.



108.3710, 47.1451, -95.0414



135.4400, -23.8809, 53.1111



107.7260, 21.8271, -94.4757

Square

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



135.4400, -23.8809, 53.1111



126.1240, -21.7531, -22.9107



110.3140, 36.8202, -96.7454



139.8970, 23.2218, 18.5073

Rectangle

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



135.4400, -23.8809, 53.1111



131.7610, -34.3922, 17.7496



110.3140, 36.8202, -96.7454



129.4210, 38.2464, -40.7112

Sweetspot

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



135.4400, -23.8809, 53.1111



230.7270, -9.2324, 21.2874



129.1670, 20.6237, 58.6125



113.2960, -5.5689, 12.8954



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.



135.4400, -23.8809, 53.1111



159.7830, -37.3610, 83.5053



166.5510, -39.2186, 25.8268



91.7510, -2.3422, 4.6034



71.6190, -35.3082, 78.3871



14.5630, -7.1796, 16.1692

Inverse Universe

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



147.5600, 23.8809, -53.1111



179.2170, 37.3610, -83.5053



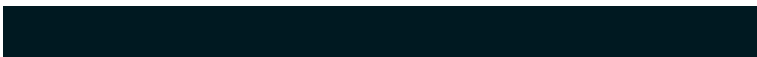
116.4490, 39.2186, -25.8268



92.2490, 2.3422, -4.6034



89.3810, 35.3082, -78.3871



18.4370, 7.1796, -16.1692

Previews

White Background



This preview shows how the YUV color 135.4400, -23.8809, 53.1111 looks on a white background.

Color Contrast Check

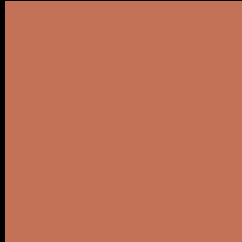
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4400, -23.8809, 53.1111 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 × Fail

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

YUV 135.4400, -23.8809, 53.1111

Background



This preview shows how black text looks on a background with the YUV color 135.4400, -23.8809, 53.1111.



This preview shows how white text looks on a background with the YUV color 135.4400, -23.8809, 53.1111.

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

135.4400, -23.8809, 53.1111

Protanopia

134.7290, -19.0934, 10.7617

Deuteranopia

135.2210, -25.2520, 26.1162



Tritanopia

137.2240, -9.4774, 53.3006

Trichromacy



Original Color

135.4400, -23.8809, 53.1111

Protanomaly

135.0730, -20.7420, 26.2460

Deuteranomaly

135.1020, -24.7003, 35.8675

Tritanomaly

136.2580, -14.4242, 53.2707

Monochromacy



Original Color

135.4400, -23.8809, 53.1111

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9440, -8.3534, 19.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4400, -23.8809, 53.1111 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(196, 114, 87)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 87)  
}
```

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(196, 114, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 87) }
```

Border

The CSS property to change the border of an element to YUV 135.4400, -23.8809, 53.1111 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(196, 114, 87) }
```


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

```
.border{ border-color:rgb(196, 114, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 87);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 135.4400, -23.8809, 53.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 87) }
```

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

```
.background{ background-color: rgb(196,  
114, 87) }
```

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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