

Converting Colors

YUV(135.7580, -32.9117,
56.3402)

Have a look what the booklet for
YUV(135.7580, -32.9117, 56.3402)
contains.

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Color

**YUV(135.7580, -32.9117,
56.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	C87445
RGB	200, 116, 69
RGB Percent	78%, 45%, 27%
CMY	0.2157, 0.5451, 0.7294
CMYK	0.00, 0.42, 0.66, 0.22
HSL	22°, 54%, 53%
HSV	22°, 65%, 78%
XYZ	31.1390, 25.1998, 8.8531
YIQ	135.7580, 65.1510, 3.1910

Conversions

Conversions Part 2

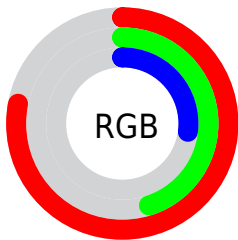
Format	Color
R _Y B	200, 142, 69
Decimal	13136965
CIE Lab	57.27, 28.87, 39.68
CIE LCh	57, 49.073, 53.963
Yxy	25.1998, 0.4777, 0.3865
Android (android.graphics.Color)	4291327045 (0xFFC87445)
YUV	135.7580, -32.9117, 56.3402
Hunter-Lab	50.1994, 22.8756, 24.6833

Details

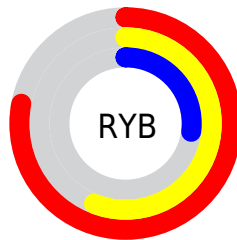
The YUV color **135.7580, -32.9117, 56.3402** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **133.2420, 32.9117, -56.3402**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0140, -34.5169, 57.8697**, and **83.4090, -30.2746, 50.5073** is the 20% darker color. If you saturate the color by 10%, you get **125.8470, -37.8856, 65.0322**, and if you desaturate by 10%, it is **145.6690, -27.9378, 47.6483**.

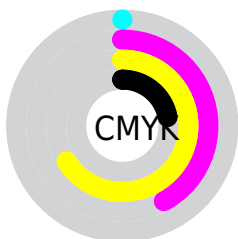
Distribution



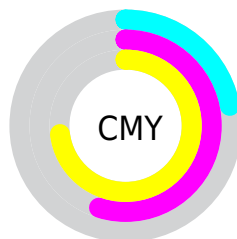
- Red (78%)
- Green (45%)
- Blue (27%)



- Red (78%)
- Yellow (56%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7580, -32.9117, 56.3402 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 135.7580, -32.9117, 56.3402 by changing the saturation by 10% instead.

■ 135.7580,
-32.9117, 56.3402

■ 135.7580,
-32.9117, 56.3402

■ 255.0000, 0.0000,
0.0000

■ 109.3770,
-31.7379, 53.1664

■ 189.0140,
-34.5169, 57.8697

■ 83.4090, -30.2746,
50.5073

■ 207.8270,
-30.9737, 41.3707

■ 59.0280, -29.1008,
47.3334

■ 227.3410,
-27.2831, 24.2569

■ 36.2690, -17.8806,
41.8601

■ 247.4420,
-23.8819, 6.6284

■ 17.0430, -8.4022,
35.0423

■ 251.8080,
-12.2303, 2.7994

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 135.7580,
-32.9117, 56.3402

■ 135.7580,
-32.9117, 56.3402

■ 125.8470,
-37.8856, 65.0322

■ 145.6690,
-27.9378, 47.6483

■ 115.9360,
-42.8594, 73.7241

■ 155.5800,
-22.9639, 38.9563

■ 106.6120,
-48.1227, 81.9013

■ 164.9040,
-17.7007, 30.7792

■ 102.0640,
-50.3176, 85.8899

■ 174.8150,
-12.7268, 22.0872

■ 184.7260, -7.7529,
13.3953

■ 194.6370, -2.7790,
4.7034

■ 204.5480, 2.1948,
-3.9886

■ 214.4590, 7.1687,
-12.6805

■ 223.7830, 12.4320,
-20.8577

Harmonies

Analogous

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



136.4280, -15.4940, 69.7846



135.7580, -32.9117, 56.3402



133.4870, -42.1451, 31.1449

Triad

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



135.7580, -32.9117, 56.3402



107.2240, 9.7496, -94.0354



138.3090, 38.3017, -11.6720

Complementary

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



135.7580, -32.9117, 56.3402



133.2420, 32.9117, -56.3402

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.



110.4230, 55.0075, -96.8410



135.7580, -32.9117, 56.3402



112.2400, 28.9687, -98.4345

Square

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



135.7580, -32.9117, 56.3402



122.2140, -18.3465, -42.2837



113.8820, 45.4142, -99.8745



141.5940, 22.8782, 35.4361

Rectangle

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



135.7580, -32.9117, 56.3402



131.3980, -40.6222, 9.2980



113.8820, 45.4142, -99.8745



133.7410, 43.0187, -31.3449

Sweetspot

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



135.7580, -32.9117, 56.3402



229.8150, -12.7268, 22.0872



117.8590, 17.8175, 72.0377



112.7260, -7.7529, 13.3953



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.



135.7580, -32.9117, 56.3402



156.3630, -50.4650, 86.5046



173.3260, -51.4327, 23.3931



94.4520, -2.1948, 3.9886



83.3700, -41.1014, 69.8355



18.3950, -9.0687, 15.4396

Inverse Universe

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



133.2420, 32.9117, -56.3402



152.6370, 50.4650, -86.5046



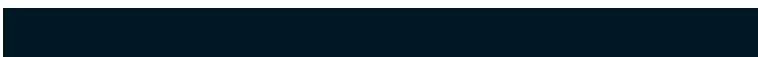
95.6740, 51.4327, -23.3931



94.5480, 2.1948, -3.9886



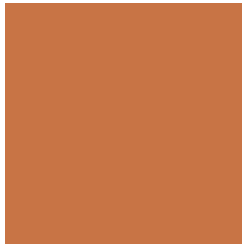
80.2170, 40.8120, -70.3503



17.6050, 9.0687, -15.4396

Previews

White Background



This preview shows how the YUV color 135.7580, -32.9117, 56.3402 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 135.7580, -32.9117, 56.3402 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 135.7580, -32.9117, 56.3402

Background



This preview shows how black text looks on a background with the YUV color 135.7580, -32.9117, 56.3402.



This preview shows how white text looks on a background with the YUV color 135.7580, -32.9117,

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

135.7580, -32.9117, 56.3402

Protanopia

135.1180, -29.1452, 14.8055

Deuteranopia

135.1370, -34.5775, 30.5749



Tritanopia

138.7190, -10.2145, 56.3744

Trichromacy



Original Color

135.7580, -32.9117, 56.3402

Protanomaly

135.1630, -30.6464, 29.6750

Deuteranomaly

135.6050, -34.3153, 39.8114

Tritanomaly

137.5420, -18.5082, 56.5297

Monochromacy



Original Color

135.7580, -32.9117, 56.3402

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0320, -11.8478, 20.1429

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7580, -32.9117, 56.3402 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(200, 116, 69)` looks like.

```
.text, #text, p{  
    color:rgb(200, 116, 69)  
}
```

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(200, 116, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 116, 69) }
```

Border

The CSS property to change the border of an element to YUV 135.7580, -32.9117, 56.3402 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(200, 116, 69) }
```


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

```
.border{ border-color:rgb(200, 116, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 116, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 116, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 116, 69);  
box-shadow:4px 4px 4px 4px rgb(200, 116,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 135.7580, -32.9117, 56.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 116, 69) }
```

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

```
.background{ background-color: rgb(200,  
116, 69) }
```

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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