

Converting Colors

YUV(128.6400, -17.0775,
64.3367)

Have a look what the booklet for
YUV(128.6400, -17.0775, 64.3367)
contains.

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Color

**YUV(128.6400, -17.0775,
64.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	CA625E
RGB	202, 98, 94
RGB Percent	79%, 38%, 37%
CMY	0.2078, 0.6157, 0.6314
CMYK	0.00, 0.51, 0.53, 0.21
HSL	2°, 50%, 58%
HSV	2°, 53%, 79%
XYZ	30.7452, 22.1001, 13.2350
YIQ	128.6400, 63.2680, 20.8040

Conversions

Conversions Part 2

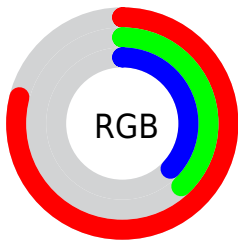
Format	Color
R_{YB}	202, 98, 94
Decimal	13263454
CIE _{Lab}	54.13, 40.93, 21.85
CIE _{LCh}	54, 46.396, 28.091
Yxy	22.1001, 0.4653, 0.3344
Android (android.graphics.Color)	4291453534 (0xFFCA625E)
YUV	128.6400, -17.0775, 64.3367
Hunter-Lab	47.0107, 34.4709, 16.2155

Details

The YUV color **128.6400, -17.0775, 64.3367** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **167.3600, 17.0775, -64.3367**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2980, -18.3879, 64.6367**, and **75.2310, -13.4249, 59.4334** is the 20% darker color. If you saturate the color by 10%, you get **115.2070, -20.3151, 76.1175**, and if you desaturate by 10%, it is **142.0730, -13.8400, 52.5560**.

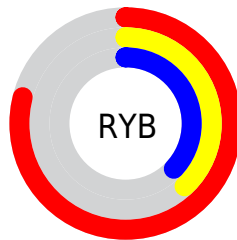
Distribution



Red (79%)

Green (38%)

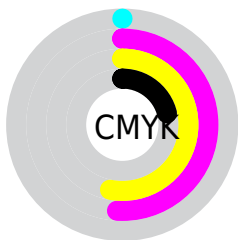
Blue (37%)



Red (79%)

Yellow (38%)

Blue (37%)

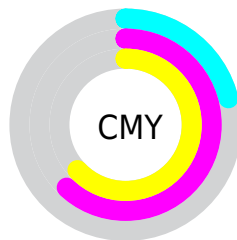


Cyan (0%)

Magenta (51%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6400, -17.0775, 64.3367 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 128.6400, -17.0775, 64.3367 by changing the saturation by 10% instead.

■ 128.6400,
-17.0775, 64.3367

■ 128.6400,
-17.0775, 64.3367

■ 255.0000, 0.0000,
0.0000

■ 101.6720,
-15.6143, 61.6777

■ 181.2980,
-18.3879, 64.6367

■ 75.2310, -13.4249,
59.4334

■ 200.8120,
-14.6973, 47.5229

■ 48.0290, -10.3673,
58.7336

■ 220.3260,
-11.0067, 30.4091

■ 26.1270, -12.3876,
53.3856

■ 239.9540, -6.8793,
13.1953

■ 17.6410, -8.6970,
36.2718

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,

0.0000

■ 128.6400,
-17.0775, 64.3367

■ 128.6400,
-17.0775, 64.3367

■ 115.2070,
-20.3151, 76.1175

■ 142.0730,
-13.8400, 52.5560

■ 101.1870,
-23.2632, 88.4130

■ 156.0930,
-10.8918, 40.2604

■ 87.6400, -26.9375,
100.2937

■ 169.6400, -7.2175,
28.3797

■ 73.6200, -29.8857,
112.5893

■ 183.6600, -4.2694,
16.0842

■ 64.5070, -31.8020,
120.5814

■ 197.0930, -1.0318,
4.3034

■ 211.1130, 1.9163,
-7.9921

■ 224.5460, 5.1538,
-19.7728

■ 238.5660, 8.1020,
-32.0684

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



130.2540, 1.8468, 61.1672



128.6400, -17.0775, 64.3367



127.5400, -32.3112, 50.3924

Triad

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



128.6400, -17.0775, 64.3367



113.6310, -14.1151, -46.1574



112.0410, 47.8008, -71.9500

Complementary

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



128.6400, -17.0775, 64.3367



167.3600, 17.0775, -64.3367

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.



106.9860, 44.3769, -93.8267



128.6400, -17.0775, 64.3367



101.7130, 11.4805, -89.2023

Square

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



128.6400, -17.0775, 64.3367



121.3620, -32.7165, -6.4565



106.3870, 29.3892, -93.3014



131.2130, 33.9120, -3.6948

Rectangle

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



128.6400, -17.0775, 64.3367



126.4210, -38.6616, 33.8338



106.3870, 29.3892, -93.3014



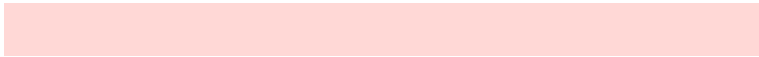
104.7180, 50.9180, -91.8377

Sweetspot

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



128.6400, -17.0775, 64.3367



227.4330, -6.6225, 24.1763



138.1480, 29.5070, 55.9982



111.0620, -3.9746, 14.8546



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.



128.6400, -17.0775, 64.3367



144.2590, -25.7637, 97.1199



160.3380, -32.7046, 36.5376



94.9900, -1.4741, 6.1478



53.1560, -26.2059, 98.9642



11.9490, -5.8909, 22.8467

Inverse Universe

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



167.3600, 17.0775, -64.3367



202.7410, 25.7637, -97.1199



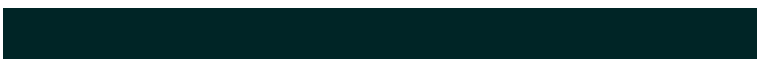
135.6620, 32.7046, -36.5376



99.0100, 1.4741, -6.1478



112.8440, 26.2059, -98.9642



26.0510, 5.8909, -22.8467

Previews

White Background



This preview shows how the YUV color 128.6400, -17.0775, 64.3367 looks on a white background.

Color Contrast Check

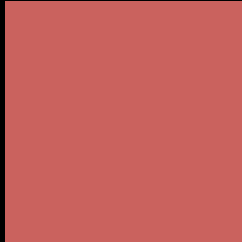
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6400, -17.0775, 64.3367 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 128.6400, -17.0775, 64.3367

Background



This preview shows how black text looks on a background with the YUV color 128.6400, -17.0775, 64.3367.



This preview shows how white text looks on a background with the YUV color 128.6400, -17.0775,

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

128.6400, -17.0775, 64.3367

Protanopia

129.5850, -10.6414, 6.5030

Deuteranopia

129.2790, -19.8575, 22.5573



Tritanopia

129.3780, -13.0044, 64.5665

Trichromacy



Original Color

128.6400, -17.0775, 64.3367

Protanomaly

129.1470, -12.8905, 27.9351

Deuteranomaly

129.3070, -18.8854, 37.4418

Tritanomaly

129.0360, -14.3147, 64.8664

Monochromacy



Original Color

128.6400, -17.0775, 64.3367

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1340, -6.4751, 23.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6400, -17.0775, 64.3367 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(202, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(202, 98, 94)  
}
```

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(202, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 98, 94) }
```

Border

The CSS property to change the border of an element to YUV 128.6400, -17.0775, 64.3367 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(202, 98, 94) }
```


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

```
.border{ border-color:rgb(202, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(202, 98,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 128.6400, -17.0775, 64.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 98, 94) }
```

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

```
.background{ background-color: rgb(202, 98,  
94) }
```

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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