

Converting Colors

YUV(128.8800, -17.6888,
73.7732)

Have a look what the booklet for
YUV(128.8800, -17.6888, 73.7732)
contains.

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Color

**YUV(128.8800, -17.6888,
73.7732)**

Conversions

Conversions Part 1

Format	Color
Hex	D55D5D
RGB	213, 93, 93
RGB Percent	84%, 36%, 36%
CMY	0.1647, 0.6353, 0.6353
CMYK	0.00, 0.56, 0.56, 0.16
HSL	0°, 59%, 60%
HSV	0°, 56%, 84%
XYZ	33.3307, 22.7651, 12.9933
YIQ	128.8800, 71.5200, 25.4400

Conversions

Conversions Part 2

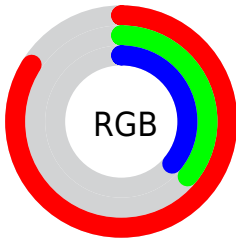
Format	Color
RYB	213, 93, 93
Decimal	13983069
CIELab	54.83, 47.29, 23.65
CIELCh	55, 52.878, 26.574
Yxy	22.7651, 0.4824, 0.3295
Android (android.graphics.Color)	4292173149 (0xFFD55D5D)
YUV	128.8800, -17.6888, 73.7732
Hunter-Lab	47.7128, 41.1971, 17.2529

Details

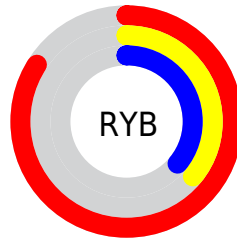
The YUV color **128.8800, -17.6888, 73.7732** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **177.1200, 17.6888, -73.7732**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8360, -17.6671, 66.7958**, and **73.9980, -13.3100, 69.2848** is the 20% darker color. If you saturate the color by 10%, you get **114.1590, -20.7844, 86.6836**, and if you desaturate by 10%, it is **143.6010, -14.5933, 60.8629**.

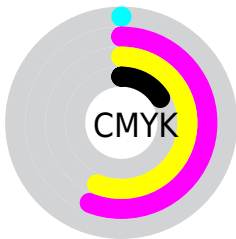
Distribution



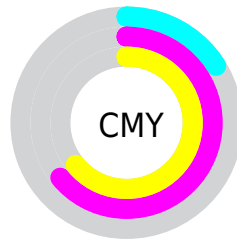
- Red (84%)
- Green (36%)
- Blue (36%)



- Red (84%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.8800, -17.6888, 73.7732 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 128.8800, -17.6888, 73.7732 by changing the saturation by 10% instead.


 128.8800,
-17.6888, 73.7732

 128.8800,
-17.6888, 73.7732


255.0000, 0.0000,
0.0000


 101.3250,
-15.9362, 71.6290


 178.8360,
-17.6671, 66.7958


 73.9980, -13.3100,
69.2848


 198.3500,
-13.9765, 49.6821

 40.6270, -7.2111,
73.1181


 217.8640,
-10.2860, 32.5683

 28.4050, -14.0037,
58.4038

 238.0790, -6.4479,
14.8397

 19.7340, -9.7289,
40.5753

254.8860, -0.4368,
0.1000

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 128.8800,
-17.6888, 73.7732

■ 128.8800,
-17.6888, 73.7732

■ 114.1590,
-20.7844, 86.6836

■ 143.6010,
-14.5933, 60.8629

■ 98.7370, -24.0273,
100.2087

■ 159.0230,
-11.3503, 47.3378

■ 84.0160, -27.1229,
113.1190

■ 173.7440, -8.2548,
34.4275

■ 69.2950, -30.2184,
126.0293

■ 188.4650, -5.1592,
21.5172

■ 63.6870, -31.3977,
130.9475

■ 203.8870, -1.9163,
7.9921

■ 218.6080, 1.1793,
-4.9182

■ 233.3290, 4.2748,
-17.8285

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



131.0640, 3.4194, 70.1039



128.8800, -17.6888, 73.7732



128.2590, -36.1167, 57.6549

Triad

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



128.8800, -17.6888, 73.7732



111.9030, -16.7142, -52.5349



106.4280, 57.4700, -93.3374

Complementary

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



128.8800, -17.6888, 73.7732



177.1200, 17.6888, -73.7732

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.



110.4740, 47.5873, -96.8857



128.8800, -17.6888, 73.7732



103.9470, 9.8861, -91.1615

Square

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



128.8800, -17.6888, 73.7732



121.9400, -39.4104, -6.0864



109.3050, 30.4156, -95.8605



132.0860, 39.8906, -7.9684

Rectangle

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



128.8800, -17.6888, 73.7732



127.4450, -45.0824, 39.9517



109.3050, 30.4156, -95.8605



108.4340, 55.0020, -95.0966

Sweetspot

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



128.8800, -17.6888, 73.7732



224.8570, -6.3385, 26.4354



142.5600, 34.7269, 61.7759



109.7740, -3.8326, 15.9842



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.



128.8800, -17.6888, 73.7732



133.7270, -25.5014, 106.3564



164.1000, -35.0523, 42.8853



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



177.1200, 17.6888, -73.7732



203.2730, 25.5014, -106.3564



141.9000, 35.0523, -42.8853



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 128.8800, -17.6888, 73.7732 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 128.8800, -17.6888, 73.7732 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 128.8800, -17.6888, 73.7732

Background



This preview shows how black text looks on a background with the YUV color 128.8800, -17.6888, 73.7732.



This preview shows how white text looks on a background with the YUV color 128.8800, -17.6888,

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

128.8800, -17.6888, 73.7732

Protanopia

130.9980, -10.3520, 7.0178

Deuteranopia

131.1220, -21.7521, 23.5720



Tritanopia

128.8630, -15.2155, 73.7881

Trichromacy



Original Color

128.8800, -17.6888, 73.7732

Protanomaly

130.1690, -12.9013, 31.4238

Deuteranomaly

130.2860, -20.3540, 41.8452

Tritanomaly

128.6350, -16.0891, 73.9881

Monochromacy



Original Color

128.8800, -17.6888, 73.7732

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8800, -17.6888, 73.7732 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(213, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 93)  
}
```

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(213, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 93) }
```

Border

The CSS property to change the border of an element to YUV 128.8800, -17.6888, 73.7732 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(213, 93, 93) }
```


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

```
.border{ border-color:rgb(213, 93, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 93, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(213, 93,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 128.8800, -17.6888, 73.7732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 93) }
```

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

```
.background{ background-color: rgb(213, 93,  
93) }
```

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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