

Converting Colors

YUV(120.0140, -27.6149,
84.1797)

Have a look what the booklet for
YUV(120.0140, -27.6149, 84.1797)
contains.

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Color

**YUV(120.0140, -27.6149,
84.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	D85240
RGB	216, 82, 64
RGB Percent	85%, 32%, 25%
CMY	0.1529, 0.6784, 0.7490
CMYK	0.00, 0.62, 0.70, 0.15
HSL	7°, 66%, 55%
HSV	7°, 70%, 85%
XYZ	32.2616, 21.0037, 7.2042
YIQ	120.0140, 85.6420, 22.8100

Conversions

Conversions Part 2

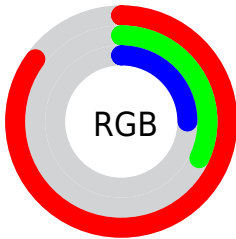
Format	Color
R_{YB}	216, 84, 64
Decimal	14176832
CIE Lab	52.95, 51.57, 37.99
CIE LCh	53, 64.052, 36.382
Yxy	21.0037, 0.5335, 0.3473
Android (android.graphics.Color)	4292366912 (0xFFD85240)
YUV	120.0140, -27.6149, 84.1797
Hunter-Lab	45.8298, 45.4520, 22.7607

Details

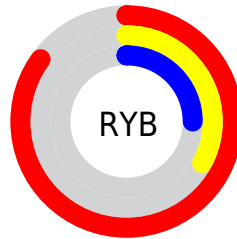
The YUV color **120.0140, -27.6149, 84.1797** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **159.9860, 27.6149, -84.1797**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9590, -27.5878, 75.4580**, and **61.1260, -20.7681, 81.4505** is the 20% darker color. If you saturate the color by 10%, you get **106.3530, -31.7260, 96.1604**, and if you desaturate by 10%, it is **133.6750, -23.5038, 72.1990**.

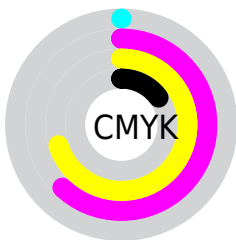
Distribution



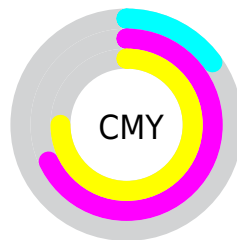
- Red (85%)
- Green (32%)
- Blue (25%)



- Red (85%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (70%)
- Black (15%)



- Cyan (15%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.0140, -27.6149, 84.1797 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 120.0140, -27.6149, 84.1797 by changing the saturation by 10% instead.


 120.0140,
-27.6149, 84.1797

 120.0140,
-27.6149, 84.1797


255.0000, 0.0000,
0.0000

 91.6870, -24.9887,
81.8355


 168.9590,
-27.5878, 75.4580


 61.1260, -20.7681,
81.4505


 188.2450,
-24.7708, 58.5441

 37.0760, -18.2785,
76.2323


 208.3460,
-21.3696, 40.9156

 28.1060, -13.8563,
57.7890

 227.8600,
-17.6790, 23.8018

 19.5490, -9.1447,
39.8605

 248.6620,
-14.1304, 5.5584

 10.5790, -4.7224,
21.4172

 254.3160, -2.6208,

 0.0000, 0.0000,

0.5999

0.0000

■ 120.0140,
-27.6149, 84.1797

■ 120.0140,
-27.6149, 84.1797

■ 106.3530,
-31.7260, 96.1604

■ 133.6750,
-23.5038, 72.1990

■ 92.8060, -35.4004,
108.0411

■ 147.2220,
-19.8294, 60.3183

■ 79.8460, -39.3641,
119.4071

■ 160.8830,
-15.7183, 48.3376

■ 174.4300,
-12.0440, 36.4569

■ 188.0910, -7.9329,
24.4762

■ 201.7520, -3.8217,
12.4955

■ 215.2990, -0.1474,
0.6148

■ 228.9600, 3.9637,
-11.3659

■ 242.1650, 6.3277,
-22.9467

Harmonies

Analogous

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



119.3440, -1.1556, 90.9063



120.0140, -27.6149, 84.1797



119.4490, -54.4514, 58.3652

Triad

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



120.0140, -27.6149, 84.1797



96.5830, -8.1754, -84.7033



102.7410, 66.1897, -90.1039

Complementary

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



120.0140, -27.6149, 84.1797



159.9860, 27.6149, -84.1797

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.



110.4060, 57.4808, -96.8261



120.0140, -27.6149, 84.1797



104.2550, 16.1433, -91.4316

Square

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



120.0140, -27.6149, 84.1797



110.2060, -42.9926, -23.8597



109.8240, 40.0198, -96.3156



129.3040, 42.7411, 11.1344

Rectangle

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



120.0140, -27.6149, 84.1797



118.8560, -58.5960, 34.3293



109.8240, 40.0198, -96.3156



106.2630, 64.4533, -93.1927

Sweetspot

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



120.0140, -27.6149, 84.1797



221.2550, -9.9857, 29.5944



124.7240, 36.1251, 80.0491



107.3290, -5.5852, 18.1285



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.



120.0140, -27.6149, 84.1797



119.6610, -38.7799, 118.6923



164.6260, -49.6086, 45.0550



100.4630, -2.2003, 5.7329



62.8690, -30.9944, 94.8309



15.7920, -7.7855, 23.8614

Inverse Universe

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



159.9860, 27.6149, -84.1797



176.3390, 38.7799, -118.6923



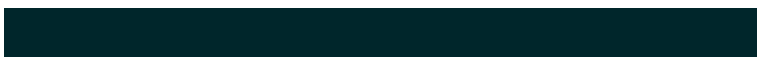
115.3740, 49.6086, -45.0550



103.1240, 1.9109, -6.2477



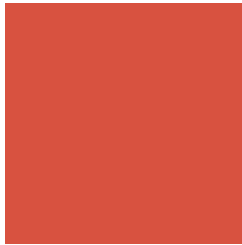
108.1310, 30.9944, -94.8309



27.2080, 7.7855, -23.8614

Previews

White Background



This preview shows how the YUV color 120.0140, -27.6149, 84.1797 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 120.0140, -27.6149, 84.1797 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 120.0140, -27.6149, 84.1797

Background



This preview shows how black text looks on a background with the YUV color 120.0140, -27.6149, 84.1797.



This preview shows how white text looks on a background with the YUV color 120.0140, -27.6149, 84.1797.

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

120.0140, -27.6149, 84.1797

Protanopia

124.9310, -22.1510, 11.4615

Deuteranopia

124.3540, -33.6985, 28.6305



Tritanopia

120.8320, -18.1582, 84.3393

Trichromacy



Original Color

120.0140, -27.6149, 84.1797

Protanomaly

123.2270, -24.2689, 37.5119

Deuteranomaly

122.7570, -31.4322, 48.4481

Tritanomaly

120.6210, -21.5052, 84.5244

Monochromacy



Original Color

120.0140, -27.6149, 84.1797

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9670, -9.8437, 30.7239

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0140, -27.6149, 84.1797 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(216, 82, 64)` looks like.

```
.text, #text, p{  
    color:rgb(216, 82, 64)  
}
```

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(216, 82, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 82, 64) }
```

Border

The CSS property to change the border of an element to YUV 120.0140, -27.6149, 84.1797 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(216, 82, 64) }
```


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

```
.border{ border-color:rgb(216, 82, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 82, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 82, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 82, 64);  
box-shadow:4px 4px 4px 4px rgb(216, 82,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 120.0140, -27.6149, 84.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 82, 64) }
```

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

```
.background{ background-color: rgb(216, 82,  
64) }
```

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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