

Converting Colors

YUV(113.2100, -28.2045,
86.6388)

Have a look what the booklet for
YUV(113.2100, -28.2045, 86.6388)
contains.

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Color

**YUV(113.2100, -28.2045,
86.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	D44A38
RGB	212, 74, 56
RGB Percent	83%, 29%, 22%
CMY	0.1686, 0.7098, 0.7804
CMYK	0.00, 0.65, 0.74, 0.17
HSL	7°, 64%, 53%
HSV	7°, 74%, 83%
XYZ	30.3140, 19.1801, 5.8458
YIQ	113.2100, 88.0260, 23.6580

Conversions

Conversions Part 2

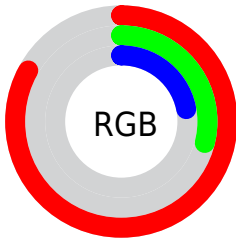
Format	Color
RYB	212, 76, 56
Decimal	13912632
CIELab	50.90, 53.27, 39.89
CIElCh	51, 66.547, 36.829
Yxy	19.1801, 0.5478, 0.3466
Android (android.graphics.Color)	4292102712 (0xFFD44A38)
YUV	113.2100, -28.2045, 86.6388
Hunter-Lab	43.7951, 46.9121, 22.7425

Details

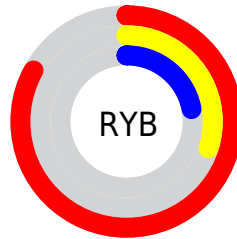
The YUV color **113.2100, -28.2045, 86.6388** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.7900, 28.2045, -86.6388**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8240, -29.4932, 79.9614**, and **49.0390, -18.7532, 88.5428** is the 20% darker color. If you saturate the color by 10%, you get **99.6630, -31.8789, 98.5195**, and if you desaturate by 10%, it is **126.7570, -24.5302, 74.7581**.

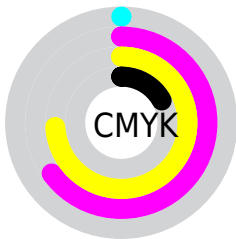
Distribution



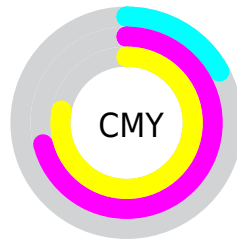
- Red (83%)
- Green (29%)
- Blue (22%)



- Red (83%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2100, -28.2045, 86.6388 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 113.2100, -28.2045, 86.6388 by changing the saturation by 10% instead.

■ 113.2100,
-28.2045, 86.6388

■ 113.2100,
-28.2045, 86.6388

■ 255.0000, 0.0000,
0.0000

■ 84.2960, -25.2889,
84.8094

■ 163.8240,
-29.4932, 79.9614

■ 49.0390, -18.7532,
88.5428

■ 183.1100,
-26.6762, 63.0475

■ 35.8800, -17.6888,
73.7732

■ 202.6240,
-22.9856, 45.9338

■ 26.6110, -13.1192,
54.7152

■ 222.7250,
-19.5844, 28.3052

■ 18.7660, -8.2656,
37.9162

■ 242.9400,
-15.7464, 10.5766

■ 8.1870, -3.5432,
16.4990

■ 253.1760, -6.9888,

■ 0.0000, 0.0000,

1.5996

0.0000

■ 113.2100,
-28.2045, 86.6388

■ 113.2100,
-28.2045, 86.6388

■ 99.6630, -31.8789,
98.5195

■ 126.7570,
-24.5302, 74.7581

■ 86.1160, -35.5532,
110.4003

■ 140.3040,
-20.8559, 62.8774

■ 77.4760, -38.1957,
117.9775

■ 153.3780,
-16.4554, 51.4115

■ 166.9250,
-12.7810, 39.5308

■ 180.4720, -9.1067,
27.6501

■ 194.0190, -5.4324,
15.7693

■ 206.9790, -1.4686,
4.4034

■ 220.6400, 2.6425,
-7.5773

■ 234.1870, 6.3168,
-19.4580

Harmonies

Analogous

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



110.7190, 0.1385, 95.8394



113.2100, -28.2045, 86.6388



113.4060, -55.9092, 59.2799

Triad

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



113.2100, -28.2045, 86.6388



92.9640, -9.3493, -81.5294



99.5780, 66.7630, -87.3299

Complementary

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



113.2100, -28.2045, 86.6388



154.7900, 28.2045, -86.6388

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.



107.3570, 58.4910, -94.1521



113.2100, -28.2045, 86.6388



100.8640, 15.8430, -88.4577

Square

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



113.2100, -28.2045, 86.6388



102.3430, -47.4971, -25.7338



106.5470, 40.1563, -93.4417



123.9450, 43.9041, 11.4492

Rectangle

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



113.2100, -28.2045, 86.6388



113.8280, -56.1172, 32.5998



106.5470, 40.1563, -93.4417



103.2140, 65.4635, -90.5187

Sweetspot

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



113.2100, -28.2045, 86.6388



219.2660, -9.9911, 31.3387



118.6040, 38.1562, 81.9083



106.5140, -6.1694, 18.8432



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.



113.2100, -28.2045, 86.6388



112.6510, -40.2539, 124.8401



157.8220, -50.1982, 47.5141



100.4630, -2.2003, 5.7329



62.8690, -30.9944, 94.8309



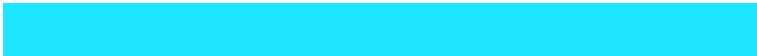
15.7920, -7.7855, 23.8614

Inverse Universe

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



154.7900, 28.2045, -86.6388



172.7620, 40.5433, -124.3253



110.1780, 50.1982, -47.5141



103.1240, 1.9109, -6.2477



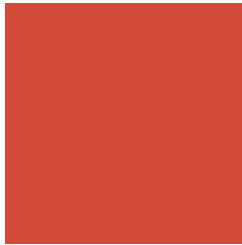
108.1310, 30.9944, -94.8309



27.2080, 7.7855, -23.8614

Previews

White Background



This preview shows how the YUV color 113.2100, -28.2045, 86.6388 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 113.2100, -28.2045, 86.6388 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 113.2100, -28.2045, 86.6388

Background



This preview shows how black text looks on a background with the YUV color 113.2100, -28.2045, 86.6388.



This preview shows how white text looks on a background with the YUV color 113.2100, -28.2045,

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

113.2100, -28.2045, 86.6388

Protanopia

119.4750, -23.8982, 11.8614

Deuteranopia

118.8980, -35.4457, 29.0305



Tritanopia

113.9140, -19.1846, 86.8984

Trichromacy



Original Color

113.2100, -28.2045, 86.6388

Protanomaly

117.5970, -25.4373, 38.9414

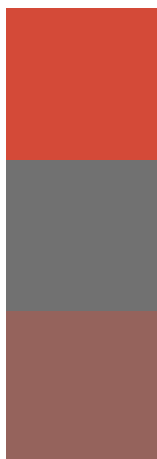
Deuteranomaly

117.0130, -33.0374, 49.9776

Tritanomaly

113.7030, -22.5316, 87.0835

Monochromacy



Original Color

113.2100, -28.2045, 86.6388

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1520, -10.4279, 31.4387

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2100, -28.2045, 86.6388 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(212, 74, 56)` looks like.

```
.text, #text, p{  
    color:rgb(212, 74, 56)  
}
```

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(212, 74, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 74, 56) }
```

Border

The CSS property to change the border of an element to YUV 113.2100, -28.2045, 86.6388 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(212, 74, 56) }
```


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

```
.border{ border-color:rgb(212, 74, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 74, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 74, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 74, 56);  
box-shadow:4px 4px 4px 4px rgb(212, 74,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 113.2100, -28.2045, 86.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 74, 56) }
```

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

```
.background{ background-color: rgb(212, 74,  
56) }
```

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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