

Converting Colors

YUV(113.7200, -25.0050,
87.0686)

Have a look what the booklet for
YUV(113.7200, -25.0050, 87.0686)
contains.

YUV(113.7200, -25.0050, 87.0686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.7200, -25.0050,
87.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	D5493F
RGB	213, 73, 63
RGB Percent	84%, 29%, 25%
CMY	0.1647, 0.7137, 0.7529
CMYK	0.00, 0.66, 0.70, 0.16
HSL	4°, 64%, 54%
HSV	4°, 70%, 84%
XYZ	30.7203, 19.2701, 6.8030
YIQ	113.7200, 86.6500, 26.5700

Conversions

Conversions Part 2

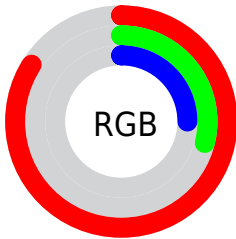
Format	Color
R_{YB}	213, 74, 63
Decimal	13977919
CIE _{Lab}	51.00, 54.34, 36.16
CIE _{LCh}	51, 65.267, 33.643
Yxy	19.2701, 0.5409, 0.3393
Android (android.graphics.Color)	4292167999 (0xFFD5493F)
YUV	113.7200, -25.0050, 87.0686
Hunter-Lab	43.8977, 48.0961, 21.5400

Details

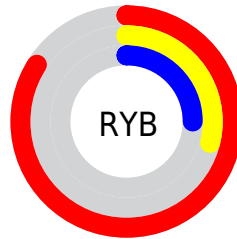
The YUV color **113.7200, -25.0050, 87.0686** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **162.2800, 25.0050, -87.0686**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0350, -26.1463, 79.7763**, and **47.9020, -14.2487, 90.4169** is the 20% darker color. If you saturate the color by 10%, you get **99.5860, -28.3899, 99.4641**, and if you desaturate by 10%, it is **127.8540, -21.6200, 74.6730**.

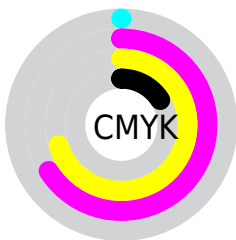
Distribution



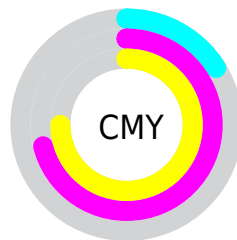
- Red (84%)
- Green (29%)
- Blue (25%)



- Red (84%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7200, -25.0050, 87.0686 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 113.7200, -25.0050, 87.0686 by changing the saturation by 10% instead.

■ 113.7200,
-25.0050, 87.0686

■ 113.7200,
-25.0050, 87.0686

■ 255.0000, 0.0000,
0.0000

■ 84.9200, -21.6526,
85.1392

■ 164.0350,
-26.1463, 79.7763

■ 47.9020, -14.2487,
90.4169

■ 183.4350,
-22.8925, 62.7625

■ 36.1790, -17.8362,
74.3880

■ 202.8350,
-19.6387, 45.7487

■ 26.9100, -13.2666,
55.3299

■ 222.9360,
-16.2374, 28.1201

■ 19.0650, -8.4130,
38.5310

■ 243.1510,
-12.3994, 10.3916

■ 8.7850, -3.8380,
17.7286

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 113.7200,
-25.0050, 87.0686

■ 113.7200,
-25.0050, 87.0686

■ 99.5860, -28.3899,
99.4641

■ 127.8540,
-21.6200, 74.6730

■ 85.3380, -32.2116,
111.9596

■ 142.1020,
-17.7983, 62.1775

■ 71.9050, -35.4492,
123.7403

■ 156.2360,
-14.4133, 49.7820

■ 170.3700,
-11.0284, 37.3865

■ 184.0310, -6.9173,
25.4058

■ 198.1650, -3.5323,
13.0103

■ 212.2990, -0.1474,
0.6148

■ 226.4330, 3.2375,
-11.7807

■ 240.6810, 7.0593,
-24.2762

Harmonies

Analogous

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



112.5660, 2.1860, 92.4656



113.7200, -25.0050, 87.0686



114.0580, -54.7516, 61.3391

Triad

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



113.7200, -25.0050, 87.0686



91.8070, -11.2439, -80.5147



100.6380, 65.7475, -88.2595

Complementary

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



113.7200, -25.0050, 87.0686



162.2800, 25.0050, -87.0686

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.



107.3740, 56.0176, -94.1670



113.7200, -25.0050, 87.0686



100.1800, 13.2223, -87.8579

Square

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



113.7200, -25.0050, 87.0686



104.2900, -50.4290, -18.6713



106.4500, 37.2462, -93.3567



123.2430, 45.2362, 4.1719

Rectangle

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



113.7200, -25.0050, 87.0686



114.1490, -56.2755, 36.7033



106.4500, 37.2462, -93.3567



104.0460, 63.5743, -91.2483

Sweetspot

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



113.7200, -25.0050, 87.0686



219.4940, -9.1175, 31.1388



123.8100, 39.0407, 78.2196



106.7420, -5.2958, 18.6433



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.



113.7200, -25.0050, 87.0686



111.6880, -36.3282, 125.6846



157.7450, -46.7093, 48.4586



99.8760, -1.9109, 6.2477



57.5860, -28.3899, 99.4641



14.6180, -7.2067, 24.8910

Inverse Universe

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



162.2800, 25.0050, -87.0686



181.8990, 36.0388, -126.1994



118.2550, 46.7093, -48.4586



103.1240, 1.9109, -6.2477



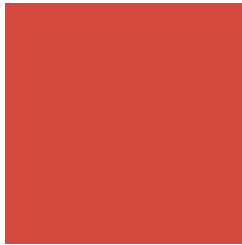
112.8270, 28.6793, -98.9493



28.3820, 7.2067, -24.8910

Previews

White Background



This preview shows how the YUV color 113.7200, -25.0050, 87.0686 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 113.7200, -25.0050, 87.0686 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 113.7200, -25.0050, 87.0686

Background



This preview shows how black text looks on a background with the YUV color 113.7200, -25.0050, 87.0686.



This preview shows how white text looks on a background with the YUV color 113.7200, -25.0050,

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

113.7200, -25.0050, 87.0686

Protanopia

120.5010, -19.9670, 10.9616

Deuteranopia

119.5110, -31.8039, 27.6159



Tritanopia

113.9140, -19.1846, 86.8984

Trichromacy



Original Color

113.7200, -25.0050, 87.0686

Protanomaly

117.9220, -21.6535, 38.6564

Deuteranomaly

117.3380, -29.2536, 49.6926

Tritanomaly

114.0450, -21.2212, 86.7835

Monochromacy



Original Color

113.7200, -25.0050, 87.0686

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7930, -9.2649, 31.7535

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7200, -25.0050, 87.0686 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, 73, 63)` looks like.

```
.text, #text, p{  
    color:rgb(213, 73, 63)  
}
```

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, 73, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 73, 63) }
```

Border

The CSS property to change the border of an element to YUV 113.7200, -25.0050, 87.0686 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, 73, 63) }
```


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

```
.border{ border-color:rgb(213, 73, 63) }
```

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

Here you see how a box with a 4 pixel rgb(213, 73, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 73, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 73, 63);  
box-shadow:4px 4px 4px 4px rgb(213, 73,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 113.7200, -25.0050, 87.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 73, 63) }
```

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

```
.background{ background-color: rgb(213, 73,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor