

Converting Colors

YUV(97.1400, -25.2120,
106.8712)

Have a look what the booklet for
YUV(97.1400, -25.2120, 106.8712)
contains.

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Color

**YUV(97.1400, -25.2120,
106.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2D2E
RGB	219, 45, 46
RGB Percent	86%, 18%, 18%
CMY	0.1412, 0.8235, 0.8196
CMYK	0.00, 0.79, 0.79, 0.14
HSL	360°, 71%, 52%
HSV	360°, 79%, 86%
XYZ	30.6449, 17.1341, 4.2768
YIQ	97.1400, 103.3830, 37.1990

Conversions

Conversions Part 2

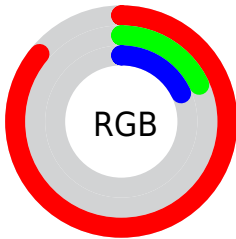
Format	Color
RYB	219, 45, 46
Decimal	14363950
CIELab	48.43, 65.15, 43.10
CIELCh	48, 78.111, 33.487
Yxy	17.1341, 0.5887, 0.3291
Android (android.graphics.Color)	4292554030 (0xFFDB2D2E)
YUV	97.1400, -25.2120, 106.8712
Hunter-Lab	41.3934, 59.7114, 22.8494

Details

The YUV color **97.1400, -25.2120, 106.8712** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **166.8600, 25.2120, -106.8712**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6560, -27.9314, 92.3867**, and **46.3450, -22.8481, 95.2904** is the 20% darker color. If you saturate the color by 10%, you get **81.7180, -28.4550, 120.3963**, and if you desaturate by 10%, it is **112.5620, -21.9691, 93.3461**.

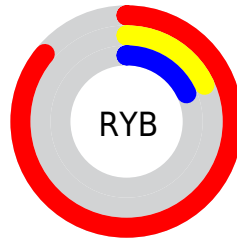
Distribution



Red (86%)

Green (18%)

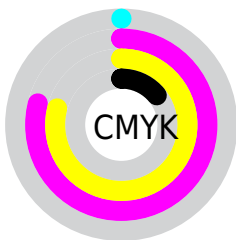
Blue (18%)



Red (86%)

Yellow (18%)

Blue (18%)

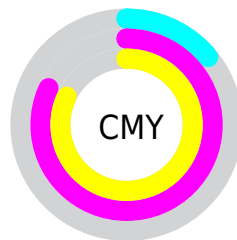


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (14%)



Cyan (14%)


Magenta (82%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.1400, -25.2120, 106.8712 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 97.1400, -25.2120, 106.8712 by changing the saturation by 10% instead.


 97.1400, -25.2120,
106.8712

 97.1400, -25.2120,
106.8712


255.0000, 0.0000,
0.0000


 58.6490, -17.0820,
112.5638


 149.6560,
-27.9314, 92.3867


 46.3450, -22.8481,
95.2904


 169.5290,
-25.4038, 74.9581


 36.7770, -18.1311,
75.6176


 189.5160,
-22.4394, 57.4295

 27.6220, -13.1246,
56.4595

 209.6170,
-19.0382, 39.8009

 19.4780, -8.1237,
39.0458

 229.7180,
-15.6370, 22.1723

 8.7850, -3.8380,
17.7286

 250.5200,

 0.0000, 0.0000,

-12.0884, 3.9290

0.0000

■ 97.1400, -25.2120,
106.8712

■ 97.1400, -25.2120,
106.8712

■ 81.7180, -28.4550,
120.3963

■ 112.5620,
-21.9691, 93.3461

■ 66.2960, -31.6979,
133.9214

■ 127.9840,
-18.7261, 79.8210

■ 65.5950, -31.8453,
134.5362

■ 143.2920,
-15.9200, 66.3959

■ 158.7140,
-12.6770, 52.8708

■ 174.1360, -9.4340,
39.3457

■ 188.9710, -5.9017,
26.3354

■ 204.2790, -3.0955,
12.9103

■ 219.7010, 0.1474,
-0.6148

■ 235.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



80.1140, 14.7338, 127.9420



97.1400, -25.2120, 106.8712



106.9710, -52.7367, 68.4314

Triad

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



97.1400, -25.2120, 106.8712



87.4070, -17.9487, -76.6559



100.0000, 73.4570, -87.7000

Complementary

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



97.1400, -25.2120, 106.8712



166.8600, 25.2120, -106.8712

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.



107.0950, 62.5642, -93.9223



97.1400, -25.2120, 106.8712



97.1480, 11.7590, -85.1988

Square

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



97.1400, -25.2120, 106.8712



95.4350, -47.0495, -29.3225



104.6720, 40.5877, -91.7973



115.4520, 54.9932, 1.3576

Rectangle

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



97.1400, -25.2120, 106.8712



108.2570, -53.3707, 38.3626



104.6720, 40.5877, -91.7973



103.4080, 71.2839, -90.6888

Sweetspot

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



97.1400, -25.2120, 106.8712



212.2390, -8.9918, 37.5014



115.9650, 50.7963, 87.7307



102.0630, -5.4541, 22.7467



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.



97.1400, -25.2120, 106.8712



85.4720, -35.2357, 148.6761



146.3340, -49.9577, 63.7281



102.2890, -1.6215, 6.7625



51.8410, -25.0646, 106.2564



13.7540, -6.7807, 28.2797

Inverse Universe

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



97.1400, -25.2120, 106.8712



85.4720, -35.2357, 148.6761



117.6660, 49.9577, -63.7281



102.2890, -1.6215, 6.7625



51.8410, -25.0646, 106.2564



13.7540, -6.7807, 28.2797

Previews

White Background



This preview shows how the YUV color 97.1400, -25.2120, 106.8712 looks on a white 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

Black Background



This preview shows how the YUV color 97.1400, -25.2120, 106.8712 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.1400, -25.2120, 106.8712

Background



This preview shows how black text looks on a background with the YUV color 97.1400, -25.2120, 106.8712.



This preview shows how white text looks on a background with the YUV color 97.1400, -25.2120,

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

97.1400, -25.2120, 106.8712

Protanopia

113.5890, -23.4614, 11.7614

Deuteranopia

111.5730, -39.2295, 29.3155



Tritanopia

97.0260, -25.6488, 106.9712

Trichromacy



Original Color

97.1400, -25.2120, 106.8712

Protanomaly

107.3960, -23.8592, 46.1337

Deuteranomaly

106.1280, -34.0801, 57.7697

Tritanomaly

97.0260, -25.6488, 106.9712

Monochromacy



Original Color

97.1400, -25.2120, 106.8712

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8370, -9.2866, 38.7310

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1400, -25.2120, 106.8712 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(219, 45, 46)` looks like.

```
.text, #text, p{  
    color:rgb(219, 45, 46)  
}
```

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(219, 45, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 45, 46) }
```

Border

The CSS property to change the border of an element to YUV 97.1400, -25.2120, 106.8712 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(219, 45, 46) }
```


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

```
.border{ border-color:rgb(219, 45, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 45, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 45, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 45, 46);  
box-shadow:4px 4px 4px 4px rgb(219, 45,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 97.1400, -25.2120, 106.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 45, 46) }
```

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

```
.background{ background-color: rgb(219, 45,  
46) }
```

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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