

Converting Colors

YUV(97.4000, -22.8752,
104.0122)

Have a look what the booklet for
YUV(97.4000, -22.8752, 104.0122)
contains.

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Color

**YUV(97.4000, -22.8752,
104.0122)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D82E33 |
| RGB | 216, 46, 51 |
| RGB Percent | 85%, 18%, 20% |
| CMY | 0.1529, 0.8196, 0.8000 |
| CMYK | 0.00, 0.79, 0.76, 0.15 |
| HSL | 358°, 69%, 51% |
| HSV | 358°, 79%, 85% |
| XYZ | 29.8934, 16.7919, 4.7976 |
| YIQ | 97.4000, 99.7150, 37.5950 |

Conversions

Conversions Part 2

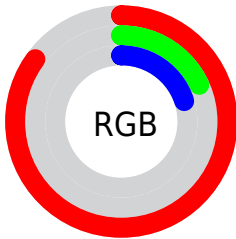
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 216, 46, 51 |
| Decimal | 14167603 |
| CIELab | 48.00, 64.18, 39.70 |
| CIElCh | 48, 75.466, 31.739 |
| Yxy | 16.7919, 0.5806, 0.3262 |
| Android (android.graphics.Color) | 4292357683 (0xFFD82E33) |
| YUV | 97.4000, -22.8752, 104.0122 |
| Hunter-Lab | 40.9780, 58.5044, 21.7431 |

Details

The YUV color **97.4000, -22.8752, 104.0122** 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 **164.6000, 22.8752, -104.0122**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2260, -25.7474, 91.8868**, and **46.2460, -19.3483, 92.7463** is the 20% darker color. If you saturate the color by 10%, you get **82.0920, -25.6814, 117.4373**, and if you desaturate by 10%, it is **112.7080, -20.0690, 90.5871**.

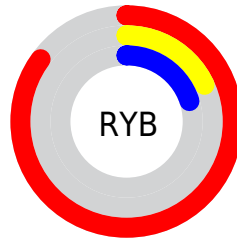
Distribution



Red (85%)

Green (18%)

Blue (20%)



Red (85%)

Yellow (18%)

Blue (20%)

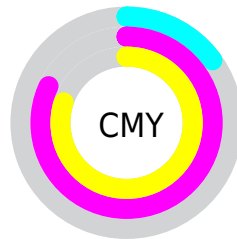


Cyan (0%)

Magenta (79%)

Yellow (76%)

Black (15%)



Cyan (15%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4000, -22.8752, 104.0122 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 97.4000, -22.8752, 104.0122 by changing the saturation by 10% instead.

■ 97.4000, -22.8752,
104.0122

■ 97.4000, -22.8752,
104.0122

255.0000, 0.0000,
0.0000

■ 58.3220, -14.4557,
110.2196

■ 150.2260,
-25.7474, 91.8868

■ 46.2460, -19.3483,
92.7463

■ 170.0990,
-23.2198, 74.4582

■ 36.1790, -17.8362,
74.3880

■ 190.0860,
-20.2554, 56.9296

■ 27.0240, -12.8298,
55.2300

■ 210.1870,
-16.8542, 39.3010

■ 18.8800, -7.8288,
37.8162

■ 230.4020,
-13.0162, 21.5724

■ 7.5890, -3.2484,
15.2694

■ 251.2040, -9.4676,

■ 0.0000, 0.0000,

3.3291

0.0000

■ 97.4000, -22.8752,
104.0122

■ 97.4000, -22.8752,
104.0122

■ 82.0920, -25.6814,
117.4373

■ 112.7080,
-20.0690, 90.5871

■ 67.3710, -28.7769,
130.3476

■ 127.4290,
-16.9735, 77.6768

■ 65.2680, -29.2191,
132.1920

■ 142.7370,
-14.1673, 64.2517

■ 157.4580,
-11.0718, 51.3413

■ 172.7660, -8.2656,
37.9162

■ 188.0740, -5.4595,
24.4911

■ 202.7950, -2.3639,
11.5808

■ 218.1030, 0.4422,
-1.8443

■ 232.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



84.2440, 14.1767, 119.9350



97.4000, -22.8752, 104.0122



105.4980, -52.0105, 68.8463

Triad

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



97.4000, -22.8752, 104.0122



85.8910, -18.6803, -75.3264



98.7290, 71.1256, -86.5853

Complementary

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



97.4000, -22.8752, 104.0122



164.6000, 22.8752, -104.0122

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.



105.1230, 60.0854, -92.1929



97.4000, -22.8752, 104.0122



95.4040, 10.1538, -83.6693

Square

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



97.4000, -22.8752, 104.0122



96.3540, -47.5025, -23.9895



102.7000, 38.1089, -90.0679



114.1910, 54.1358, -3.6755

Rectangle

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



97.4000, -22.8752, 104.0122



107.3820, -52.9393, 40.0070



102.7000, 38.1089, -90.0679



102.1370, 68.9525, -89.5741

Sweetspot

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



97.4000, -22.8752, 104.0122



212.4670, -8.1182, 37.3014



114.4160, 50.0809, 83.8272



102.1770, -5.0173, 22.6468



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.



97.4000, -22.8752, 104.0122



87.5580, -32.3201, 146.8466



143.2030, -47.9211, 63.8430



99.4030, -1.1847, 6.6626



51.6990, -23.0226, 104.6270



12.9710, -5.9017, 26.3354

Inverse Universe

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



97.4000, -22.8752, 104.0122



87.5580, -32.3201, 146.8466



118.7970, 47.9211, -63.8430



99.4030, -1.1847, 6.6626



51.6990, -23.0226, 104.6270



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 97.4000, -22.8752, 104.0122 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 97.4000, -22.8752, 104.0122 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 97.4000, -22.8752, 104.0122

Background



This preview shows how black text looks on a background with the YUV color 97.4000, -22.8752, 104.0122.



This preview shows how white text looks on a background with the YUV color 97.4000, -22.8752,

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

97.4000, -22.8752, 104.0122

Protanopia

113.0880, -20.2564, 10.4468

Deuteranopia

111.1860, -35.5877, 27.9009



Tritanopia

97.5310, -24.9118, 103.8973

Trichromacy



Original Color

97.4000, -22.8752, 104.0122

Protanomaly

107.3680, -21.3804, 44.4043

Deuteranomaly

106.2140, -31.1645, 55.9403

Tritanomaly

97.6450, -24.4750, 103.7973

Monochromacy



Original Color

97.4000, -22.8752, 104.0122

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7660, -8.2656, 37.9162

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4000, -22.8752, 104.0122 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, 46, 51)` looks like.

```
.text, #text, p{  
    color:rgb(216, 46, 51)  
}
```

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, 46, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 46, 51) }
```

Border

The CSS property to change the border of an element to YUV 97.4000, -22.8752, 104.0122 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, 46, 51) }
```


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

```
.border{ border-color:rgb(216, 46, 51) }
```

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

Here you see how a box with a 4 pixel rgb(216, 46, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 46, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 46, 51);  
box-shadow:4px 4px 4px 4px rgb(216, 46,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 97.4000, -22.8752, 104.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 46, 51) }
```

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

```
.background{ background-color: rgb(216, 46,  
51) }
```

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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