

Converting Colors

YUV(111.9080, -33.4786,
98.3047)

Have a look what the booklet for
YUV(111.9080, -33.4786, 98.3047)
contains.

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Color

**YUV(111.9080, -33.4786,
98.3047)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0442C |
| RGB | 224, 68, 44 |
| RGB Percent | 88%, 27%, 17% |
| CMY | 0.1216, 0.7333, 0.8275 |
| CMYK | 0.00, 0.70, 0.80, 0.12 |
| HSL | 8°, 74%, 53% |
| HSV | 8°, 80%, 88% |
| XYZ | 33.2622, 20.1634, 4.5217 |
| YIQ | 111.9080, 100.6800, 25.6080 |

Conversions

Conversions Part 2

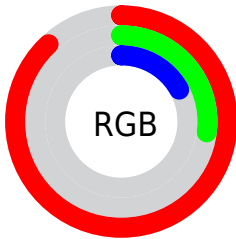
| Format | Color |
|-------------------------------------|---|
| RYB | 224, 72, 44 |
| Decimal | 14697516 |
| CIELab | 52.02, 59.15, 48.02 |
| CIELCh | 52, 76.191, 39.069 |
| Yxy | 20.1634, 0.5740, 0.3480 |
| Android (android.graphics.Color) | 4292887596 (0xFFE0442C) |
| YUV | 111.9080, -33.4786, 98.3047 |
| Hunter-Lab | 44.9037, 53.6418, 25.4622 |

Details

The YUV color **111.9080, -33.4786, 98.3047** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **156.0920, 33.4786, -98.3047**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1080, -33.5772, 83.2203**, and **47.8400, -23.5851, 98.3643** is the 20% darker color. If you saturate the color by 10%, you get **98.2470, -37.5898, 110.2854**, and if you desaturate by 10%, it is **125.5690, -29.3675, 86.3240**.

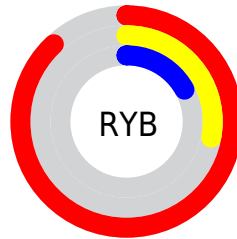
Distribution



Red (88%)

Green (27%)

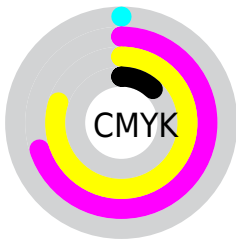
Blue (17%)



Red (88%)

Yellow (28%)

Blue (17%)

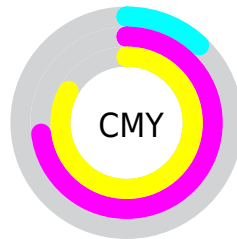


Cyan (0%)

Magenta (70%)

Yellow (80%)

Black (12%)



Cyan (12%)


Magenta (73%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.9080, -33.4786, 98.3047 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 111.9080, -33.4786, 98.3047 by changing the saturation by 10% instead.


 111.9080,
-33.4786, 98.3047

 111.9080,
-33.4786, 98.3047


255.0000, 0.0000,
0.0000

 80.9340, -29.5475,
97.4049


 160.1080,
-33.5772, 83.2203


 47.8400, -23.5851,
98.3643


 179.3940,
-30.7602, 66.3065


 38.5710, -19.0155,
79.3062

 199.3810,
-27.7958, 48.7779

 29.3020, -14.4459,
60.2481

 218.8950,
-24.1052, 31.6641

 20.8590, -9.2975,
42.2197

 239.6970,
-20.5566, 13.4207

 11.4760, -5.1647,
23.2615

 251.6940,

 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 111.9080,
-33.4786, 98.3047

■ 111.9080,
-33.4786, 98.3047

■ 98.2470, -37.5898,
110.2854

■ 125.5690,
-29.3675, 86.3240

■ 84.5860, -41.7009,
122.2661

■ 139.9310,
-25.1090, 73.7285

■ 153.5920,
-20.9979, 61.7478

■ 167.9540,
-16.7393, 49.1523

■ 181.6150,
-12.6282, 37.1716

■ 195.2760, -8.5171,
25.1909

 209.6380, -4.2585,
12.5955

 223.2990, -0.1474,
0.6148

 237.6610, 4.1111,
-11.9807

Harmonies

Analogous

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



103.0190, 1.9626, 117.5013



111.9080, -33.4786, 98.3047



116.0750, -57.2250, 61.3242

Triad

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



111.9080, -33.4786, 98.3047



95.8990, -10.7962, -84.1034



103.0320, 74.9202, -90.3591

Complementary

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



111.9080, -33.4786, 98.3047



156.0920, 33.4786, -98.3047

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.



112.6860, 66.2168, -98.8256



111.9080, -33.4786, 98.3047



105.5260, 18.4747, -92.5463

Square

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



111.9080, -33.4786, 98.3047



100.0980, -49.3483, -38.6739



112.1210, 46.2823, -98.3301



126.4820, 49.5554, 18.8713

Rectangle

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



111.9080, -33.4786, 98.3047



116.4750, -57.4222, 31.1554



112.1210, 46.2823, -98.3301



107.1410, 72.8945, -93.9627

Sweetspot

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



111.9080, -33.4786, 98.3047



216.9350, -11.3070, 33.3830



115.6040, 41.6072, 95.0633



104.4110, -6.6116, 20.6876



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.



111.9080, -33.4786, 98.3047



102.6260, -45.6646, 133.6320



164.7380, -59.5238, 51.9728



104.8760, -1.9109, 6.2477



66.1250, -32.5996, 96.3604



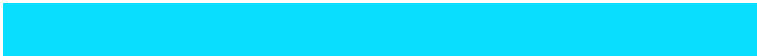
17.8740, -8.8119, 26.4205

Inverse Universe

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



156.0920, 33.4786, -98.3047



162.3740, 45.6646, -133.6320



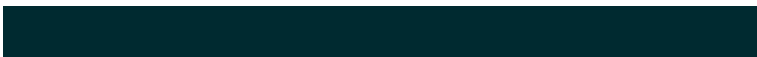
103.2620, 59.5238, -51.9728



108.1240, 1.9109, -6.2477



109.2880, 32.8890, -95.8456



30.1260, 8.8119, -26.4205

Previews

White Background



This preview shows how the YUV color 111.9080, -33.4786, 98.3047 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 111.9080, -33.4786, 98.3047 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 111.9080, -33.4786, 98.3047

Background



This preview shows how black text looks on a background with the YUV color 111.9080, -33.4786, 98.3047.



This preview shows how white text looks on a background with the YUV color 111.9080, -33.4786, 98.3047.

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

111.9080, -33.4786, 98.3047

Protanopia

121.4770, -30.3082, 14.4907

Deuteranopia

119.6290, -44.1871, 32.7744



Tritanopia

113.1820, -22.2747, 98.0644

Trichromacy



Original Color

111.9080, -33.4786, 98.3047

Protanomaly

117.7350, -31.4214, 44.9594

Deuteranomaly

116.8090, -40.3318, 56.2955

Tritanomaly

112.7430, -26.4953, 98.4494

Monochromacy



Original Color

111.9080, -33.4786, 98.3047

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0170, -12.3334, 35.9421

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9080, -33.4786, 98.3047 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(224, 68, 44)` looks like.

```
.text, #text, p{  
    color:rgb(224, 68, 44)  
}
```

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(224, 68, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 68, 44) }
```

Border

The CSS property to change the border of an element to YUV 111.9080, -33.4786, 98.3047 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(224, 68, 44) }
```


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

```
.border{ border-color:rgb(224, 68, 44) }
```

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

Here you see how a box with a 4 pixel rgb(224, 68, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 68, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 68, 44);  
box-shadow:4px 4px 4px 4px rgb(224, 68,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 111.9080, -33.4786, 98.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 68, 44) }
```

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

```
.background{ background-color: rgb(224, 68,  
44) }
```

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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