

Converting Colors

YUV(96.9900, -31.0541,
114.0188)

Have a look what the booklet for
YUV(96.9900, -31.0541, 114.0188)
contains.

YUV(96.9900, -31.0541, 114.0188)	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(96.9900, -31.0541,
114.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	E32B22
RGB	227, 43, 34
RGB Percent	89%, 17%, 13%
CMY	0.1098, 0.8314, 0.8667
CMYK	0.00, 0.81, 0.85, 0.11
HSL	3°, 78%, 51%
HSV	3°, 85%, 89%
XYZ	32.8312, 18.1741, 3.2909
YIQ	96.9900, 112.5530, 36.2090

Conversions

Conversions Part 2

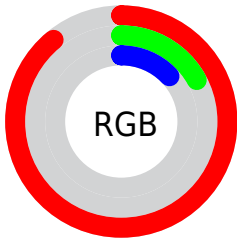
Format	Color
RYB	227, 43, 34
Decimal	14887714
CIELab	49.71, 67.60, 50.99
CIElCh	50, 84.676, 37.025
Yxy	18.1741, 0.6047, 0.3347
Android (android.graphics.Color)	4293077794 (0xFFE32B22)
YUV	96.9900, -31.0541, 114.0188
Hunter-Lab	42.6311, 62.8622, 25.2649

Details

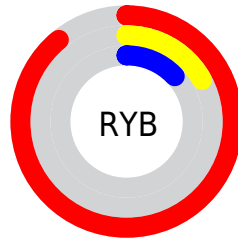
The YUV color **96.9900, -31.0541, 114.0188** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **164.0100, 31.0541, -114.0188**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4020, -32.7362, 93.4864**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **81.4540, -34.7338, 127.6438**, and if you desaturate by 10%, it is **112.5260, -27.3743, 100.3937**.

Distribution



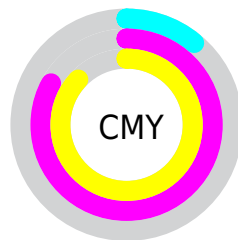
- Red (89%)
- Green (17%)
- Blue (13%)



- Red (89%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (85%)
- Black (11%)





- Cyan (11%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.9900, -31.0541, 114.0188 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 96.9900, -31.0541, 114.0188 by changing the saturation by 10% instead.


 96.9900, -31.0541,
114.0188


 96.9900, -31.0541,
114.0188


255.0000, 0.0000,
0.0000


 59.1460, -24.2290,
118.2670


 148.4020,
-32.7362, 93.4864


 48.4380, -23.8799,
99.5939


 168.1610,
-30.6454, 76.1578

 38.8700, -19.1629,
79.9210


 188.1480,
-27.6810, 58.6292

 29.4160, -14.0091,
60.1482

 208.2490,
-24.2798, 41.0006

 21.2720, -9.0081,
42.7345

 228.9370,
-21.1679, 22.8573

 11.1770, -5.0173,
22.6468

 249.7390,

 0.0000, 0.0000,

-17.6193, 4.6139

0.0000

253.6320, -5.2416,
1.1997

96.9900, -31.0541,
114.0188

96.9900, -31.0541,
114.0188

81.4540, -34.7338,
127.6438

112.5260,
-27.3743, 100.3937

74.3300, -36.6447,
133.8916

127.3610,
-23.8420, 87.3834

142.8970,
-20.1622, 73.7583

158.4330,
-16.4825, 60.1333

173.3820,
-12.5133, 47.0230

■ 188.8040, -9.2704,
33.4979

■ 203.7530, -5.3012,
20.3876

■ 219.2890, -1.6215,
6.7625

■ 234.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



83.4310, 10.6335, 136.4340



96.9900, -31.0541, 114.0188



109.9170, -54.1891, 67.6018

Triad

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



96.9900, -31.0541, 114.0188



91.0260, -16.7748, -79.8298



101.2710, 75.7884, -88.8147

Complementary

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



96.9900, -31.0541, 114.0188



164.0100, 31.0541, -114.0188

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.



111.4950, 69.2690, -97.7811



96.9900, -31.0541, 114.0188



101.5650, 15.9905, -89.0725

Square

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



96.9900, -31.0541, 114.0188



92.9770, -45.8377, -44.7068



109.5450, 46.5663, -96.0710



119.0990, 57.1392, 13.0682

Rectangle

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



96.9900, -31.0541, 114.0188



111.1810, -54.8122, 34.0443



109.5450, 46.5663, -96.0710



105.3800, 73.7627, -92.4183

Sweetspot

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



96.9900, -31.0541, 114.0188



210.4950, -10.5970, 39.0309



113.0250, 53.2317, 99.9561



101.1340, -6.4751, 23.5615



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.



96.9900, -31.0541, 114.0188



83.2890, -41.0615, 150.5905



152.1680, -58.2568, 65.6277



107.1750, -2.0583, 6.8625



58.2170, -28.7010, 105.9267



16.4230, -8.0965, 30.3240

Inverse Universe

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



164.0100, 31.0541, -114.0188



171.7110, 41.0615, -150.5905



108.8320, 58.2568, -65.6277



110.8250, 2.0583, -6.8625



120.1960, 28.9904, -105.4119



34.5770, 8.0965, -30.3240

Previews

White Background



This preview shows how the YUV color 96.9900, -31.0541, 114.0188 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 96.9900, -31.0541, 114.0188 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 96.9900, -31.0541, 114.0188

Background



This preview shows how black text looks on a background with the YUV color 96.9900, -31.0541, 114.0188.



This preview shows how white text looks on a background with the YUV color 96.9900, -31.0541,

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

96.9900, -31.0541, 114.0188

Protanopia

115.2490, -31.1818, 14.6906

Deuteranopia

111.1810, -54.8122, 34.0443



Tritanopia

97.2010, -27.7071, 113.8337

Trichromacy



Original Color

96.9900, -31.0541, 114.0188

Protanomaly

108.4800, -31.2956, 51.3220

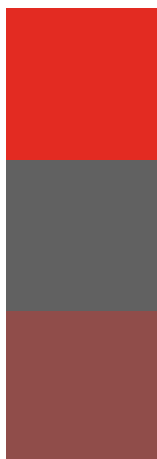
Deuteranomaly

106.2460, -46.4633, 62.9283

Tritanomaly

96.8590, -29.0175, 114.1337

Monochromacy



Original Color

96.9900, -31.0541, 114.0188

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6910, -11.1867, 41.4900

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9900, -31.0541, 114.0188 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(227, 43, 34)` looks like.

```
.text, #text, p{  
  color:rgb(227, 43, 34)  
}
```

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(227, 43, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 43, 34) }
```

Border

The CSS property to change the border of an element to YUV 96.9900, -31.0541, 114.0188 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(227, 43, 34) }
```


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

```
.border{ border-color:rgb(227, 43, 34) }
```

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

Here you see how a box with a 4 pixel rgb(227, 43, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 43, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 43, 34);  
box-shadow:4px 4px 4px 4px rgb(227, 43,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 96.9900, -31.0541, 114.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 43, 34) }
```

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

```
.background{ background-color: rgb(227, 43,  
34) }
```

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