

Converting Colors

YUV(103.6630, -31.8789,
98.5195)

Have a look what the booklet for
YUV(103.6630, -31.8789, 98.5195)
contains.

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Color

**YUV(103.6630, -31.8789,
98.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	D83B27
RGB	216, 59, 39
RGB Percent	85%, 23%, 15%
CMY	0.1529, 0.7686, 0.8471
CMYK	0.00, 0.73, 0.82, 0.15
HSL	7°, 69%, 50%
HSV	7°, 82%, 85%
XYZ	30.2491, 17.8733, 3.7751
YIQ	103.6630, 99.9920, 27.0640

Conversions

Conversions Part 2

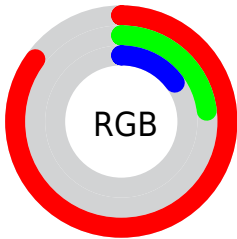
Format	Color
R_{YB}	216, 62, 39
Decimal	14170919
CIE Lab	49.34, 59.72, 47.44
CIE LCh	49, 76.275, 38.462
Yxy	17.8733, 0.5829, 0.3444
Android (android.graphics.Color)	4292360999 (0xFFD83B27)
YUV	103.6630, -31.8789, 98.5195
Hunter-Lab	42.2769, 53.7321, 24.2996

Details

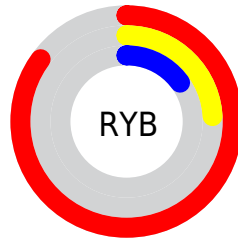
The YUV color **103.6630, -31.8789, 98.5195** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **151.3370, 31.8789, -98.5195**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8420, -33.4461, 87.8386**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **90.0020, -35.9900, 110.5002**, and if you desaturate by 10%, it is **117.3240, -27.7677, 86.5389**.

Distribution



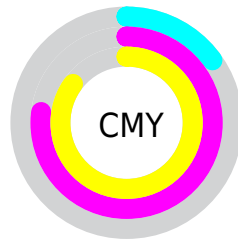
- Red (85%)
- Green (23%)
- Blue (15%)



- Red (85%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.6630, -31.8789, 98.5195 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 103.6630, -31.8789, 98.5195 by changing the saturation by 10% instead.


 103.6630,
-31.8789, 98.5195


 103.6630,
-31.8789, 98.5195


255.0000, 0.0000,
0.0000


 70.2270, -27.2269,
99.7789


 154.8420,
-33.4461, 87.8386


 45.7470, -22.5533,
94.0609


 174.1280,
-30.6291, 70.9247


 36.1790, -17.8362,
74.3880


 193.5280,
-27.3753, 53.9109

 26.9100, -13.2666,
55.3299

 213.5150,
-24.4109, 36.3823

 19.1790, -7.9762,
38.4310

 233.7300,
-20.5729, 18.6538

 8.1870, -3.5432,
16.4990

 251.0100,

 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.2020, -3.0576,
0.6998

■ 103.6630,
-31.8789, 98.5195

■ 103.6630,
-31.8789, 98.5195

■ 90.0020, -35.9900,
110.5002

■ 117.3240,
-27.7677, 86.5389

■ 78.6720, -38.7853,
120.4367

■ 130.8710,
-24.0934, 74.6581

■ 144.5320,
-19.9823, 62.6774

■ 158.6660,
-16.5973, 50.2819

■ 172.3270,
-12.4862, 38.3012

■ 185.9880, -8.3751,
26.3205

■ 199.5350, -4.7008,
14.4398

■ 213.1960, -0.5896,
2.4591

■ 226.7430, 3.0847,
-9.4216

Harmonies

Analogous

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



89.7790, 6.0250, 121.2198



103.6630, -31.8789, 98.5195



109.8730, -54.1674, 60.6244

Triad

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



103.6630, -31.8789, 98.5195



90.8780, -12.2649, -79.7000



98.5980, 73.1622, -86.4704

Complementary

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



103.6630, -31.8789, 98.5195



151.3370, 31.8789, -98.5195

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.



107.6650, 64.7482, -94.4222



103.6630, -31.8789, 98.5195



100.5050, 17.0060, -88.1429

Square

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



103.6630, -31.8789, 98.5195



94.1950, -46.4381, -38.7590



106.9860, 44.3769, -93.8267



119.1720, 49.7082, 16.5122

Rectangle

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



103.6630, -31.8789, 98.5195



110.2730, -54.3646, 30.4556



106.9860, 44.3769, -93.8267



102.8210, 71.5732, -90.1740

Sweetspot

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



103.6630, -31.8789, 98.5195



214.2450, -11.4598, 35.7421



110.0490, 43.3598, 92.9190



103.5960, -7.1958, 21.4023



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.



103.6630, -31.8789, 98.5195



96.1860, -44.9547, 139.2799



154.1450, -56.7665, 54.2468



100.4630, -2.2003, 5.7329



62.2820, -30.7050, 95.3457



15.7920, -7.7855, 23.8614

Inverse Universe

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



151.3370, 31.8789, -98.5195



163.8140, 44.9547, -139.2799



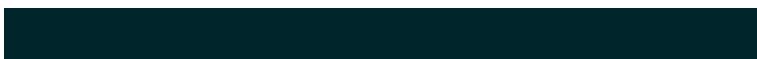
100.8550, 56.7665, -54.2468



103.1240, 1.9109, -6.2477



108.7180, 30.7050, -95.3457



27.2080, 7.7855, -23.8614

Previews

White Background



This preview shows how the YUV color 103.6630, -31.8789, 98.5195 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 103.6630, -31.8789, 98.5195 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 103.6630, -31.8789, 98.5195

Background



This preview shows how black text looks on a background with the YUV color 103.6630, -31.8789, 98.5195.



This preview shows how white text looks on a background with the YUV color 103.6630, -31.8789, 98.5195.

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

103.6630, -31.8789, 98.5195

Protanopia

114.7050, -29.4346, 14.2907

Deuteranopia

112.9170, -44.3291, 31.6448



Tritanopia

105.0680, -22.7115, 98.1644

Trichromacy



Original Color

103.6630, -31.8789, 98.5195

Protanomaly

110.9630, -30.5478, 44.7594

Deuteranomaly

109.6240, -39.7476, 55.5808

Tritanomaly

104.8570, -26.0585, 98.3494

Monochromacy



Original Color

103.6630, -31.8789, 98.5195

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1310, -11.8966, 35.8421

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6630, -31.8789, 98.5195 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, 59, 39)` looks like.

```
.text, #text, p{  
    color:rgb(216, 59, 39)  
}
```

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, 59, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 59, 39) }
```

Border

The CSS property to change the border of an element to YUV 103.6630, -31.8789, 98.5195 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, 59, 39) }
```


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

```
.border{ border-color:rgb(216, 59, 39) }
```

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

Here you see how a box with a 4 pixel rgb(216, 59, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 59, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 59, 39);  
box-shadow:4px 4px 4px 4px rgb(216, 59,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 103.6630, -31.8789, 98.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 59, 39) }
```

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

```
.background{ background-color: rgb(216, 59,  
39) }
```

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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