

Converting Colors

YUV(63.9860, -31.5451,
131.5623)

Have a look what the booklet for
YUV(63.9860, -31.5451, 131.5623)
contains.

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Color

**YUV(63.9860, -31.5451,
131.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	D60000
RGB	214, 0, 0
RGB Percent	84%, 0%, 0%
CMY	0.1608, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.16
HSL	0°, 100%, 42%
HSV	0°, 100%, 84%
XYZ	27.7316, 14.2961, 1.2978
YIQ	63.9860, 127.5440, 45.3680

Conversions

Conversions Part 2

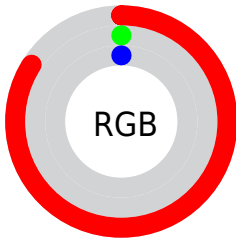
Format	Color
RYB	214, 0, 0
Decimal	14024704
CIELab	44.65, 70.18, 58.89
CIELCh	45, 91.618, 40.000
Yxy	14.2961, 0.6401, 0.3300
Android (android.graphics.Color)	4292214784 (0xFFD60000)
YUV	63.9860, -31.5451, 131.5623
Hunter-Lab	37.8102, 64.7512, 24.4321

Details

The YUV color **63.9860, -31.5451, 131.5623** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **150.0140, 31.5451, -131.5623**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4700, -39.1787, 106.5818**, and **44.2520, -21.8162, 90.9870** is the 20% darker color. If you saturate the color by 10%, you get **63.9860, -31.5451, 131.5623**, and if you desaturate by 10%, it is **78.7070, -28.4496, 118.6520**.

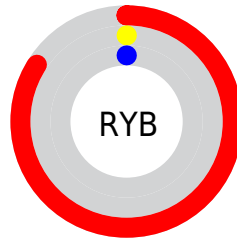
Distribution



Red (84%)

Green (0%)

Blue (0%)



Red (84%)

Yellow (0%)

Blue (0%)

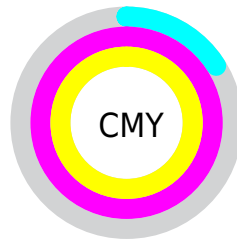


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.9860, -31.5451, 131.5623 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 63.9860, -31.5451, 131.5623 by changing the saturation by 10% instead.


 63.9860, -31.5451,
131.5623


 63.9860, -31.5451,
131.5623


 253.4040, -6.1152,
1.3997


 54.1190, -26.6807,
111.2746


 133.4700,
-39.1787, 106.5818


 44.2520, -21.8162,
90.9870


 153.8160,
-37.3773, 88.7384


 34.6840, -17.0992,
71.3141


 174.3900,
-34.7023, 70.6950

 25.6430, -11.6560,
52.0561

 194.3770,
-31.7379, 53.1664

 16.6730, -7.2338,
33.6128

 214.9510,
-29.0628, 35.1230

 3.2890, -1.6215,
6.7625


 235.1660,


 0.0000, 0.0000,


-25.2248, 17.3944

0.0000


 250.0980,
-18.7823, 4.2991


 63.9860, -31.5451,
131.5623

 78.7070, -28.4496,
118.6520

 94.1290, -25.2066,
105.1269

 108.8500,
-22.1111, 92.2165

 124.2720,
-18.8681, 78.6915

 138.9930,
-15.7725, 65.7811

■ 153.7140,
-12.6770, 52.8708

■ 169.1360, -9.4340,
39.3457

■ 183.8570, -6.3385,
26.4354

■ 199.2790, -3.0955,
12.9103

Harmonies

Analogous

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



78.9440, 2.4926, 134.2301



63.9860, -31.5451, 131.5623



98.0780, -48.3525, 62.1986

Triad

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



63.9860, -31.5451, 131.5623



82.9560, -17.2333, -72.7524



93.0530, 79.8399, -81.6075

Complementary

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



63.9860, -31.5451, 131.5623



150.0140, 31.5451, -131.5623

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.



103.8640, 73.0310, -91.0887



63.9860, -31.5451, 131.5623



94.0650, 17.7160, -82.4950

Square

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



63.9860, -31.5451, 131.5623



73.9620, -36.4633, -64.8647



102.5010, 50.0390, -89.8934



104.1480, 59.5800, 23.5492

Rectangle

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



63.9860, -31.5451, 131.5623



99.0320, -48.8228, 26.2819



102.5010, 50.0390, -89.8934



97.7490, 77.5247, -85.7259

Sweetspot

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



63.9860, -31.5451, 131.5623



201.7240, -11.2029, 46.7231



88.3820, 61.9297, 110.1670



95.7540, -6.7807, 28.2797



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.



63.9860, -31.5451, 131.5623



76.2450, -37.5888, 156.7681



126.7950, -62.5099, 76.4788



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



150.0140, 31.5451, -131.5623



178.7550, 37.5888, -156.7681



87.2050, 62.5099, -76.4788



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 63.9860, -31.5451, 131.5623 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



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 63.9860, -31.5451, 131.5623

Background



This preview shows how black text looks on a background with the YUV color 63.9860, -31.5451, 131.5623.



This preview shows how white text looks on a background with the YUV color 63.9860, -31.5451,

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



Protanopia

102.7670, -36.8601, 15.9903

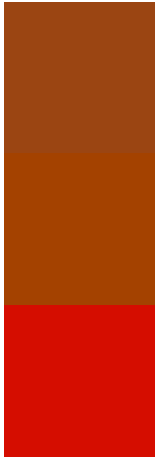
Deuteranopia

101.1250, -49.8546, 30.5854

Tritanopia

75.1280, -37.0381, 120.0367

Trichromacy



Protanomaly

88.9000, -34.9537, 57.9697

Deuteranomaly

87.7780, -43.2746, 66.8467

Tritanomaly

71.3180, -35.1598, 124.2551

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.3220, -11.4977, 47.9526

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9860, -31.5451, 131.5623 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(214, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 0)  
}
```

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(214, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 63.9860, -31.5451, 131.5623 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(214, 0, 0) }
```

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

```
.border{ border-color:rgb(214, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(214, 0, 0); box-shadow:4px  
4px 4px 4px rgb(214, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 63.9860, -31.5451, 131.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 0) }
```

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

```
.background{ background-color: rgb(214, 0,  
0) }
```

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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