

Converting Colors

YUV(31.7990, 14.8891,
-15.6097)

Have a look what the booklet for
YUV(31.7990, 14.8891, -15.6097)
contains.

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Color

**YUV(31.7990, 14.8891,
-15.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	0E233E
RGB	14, 35, 62
RGB Percent	5%, 14%, 24%
CMY	0.9451, 0.8627, 0.7569
CMYK	0.77, 0.44, 0.00, 0.76
HSL	214°, 63%, 15%
HSV	214°, 77%, 24%
XYZ	1.6516, 1.6432, 4.7876
YIQ	31.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

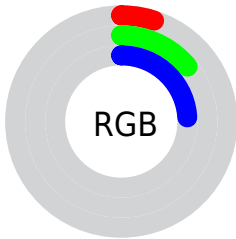
Format	Color
RYB	14, 29, 62
Decimal	926526
CIELab	13.49, 2.39, -19.74
CIELCh	13, 19.888, 276.905
Yxy	1.6432, 0.2043, 0.2033
Android (android.graphics.Color)	4279116606 (0xFF0E233E)
YUV	31.7990, 14.8891, -15.6097
Hunter-Lab	12.8188, 0.5658, -13.1703

Details

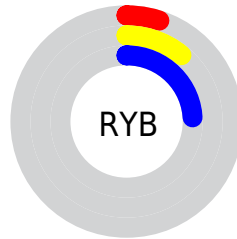
The YUV color **31.7990, 14.8891, -15.6097** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **44.2010, -14.8891, 15.6097**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7500, 15.8993, -12.9358**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **28.2440, 16.6417, -17.7540**, and if you desaturate by 10%, it is **35.3540, 13.1365, -13.4655**.

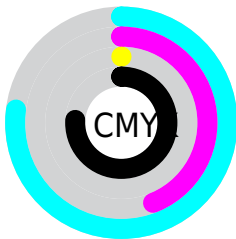
Distribution



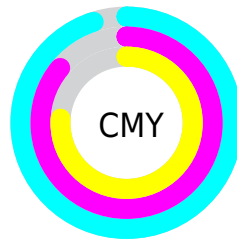
- Red (5%)
- Green (14%)
- Blue (24%)



- Red (5%)
- Yellow (11%)
- Blue (24%)



- Cyan (77%)
- Magenta (44%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.7990, 14.8891, -15.6097 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 31.7990, 14.8891, -15.6097 by changing the saturation by 10% instead.

■ 31.7990, 14.8891,
-15.6097

■ 31.7990, 14.8891,
-15.6097

■ 253.5050, 0.7370,
-3.0739

■ 12.1910, 13.7098,
-10.6915

■ 77.7500, 15.8993,
-12.9358

■ 2.7530, 8.0098,
-2.4144

■ 101.8640, 16.3360,
-13.0357

■ 0.0000, 0.0000,
0.0000

■ 126.9780, 16.7728,
-13.1357

■ 153.2060, 17.6464,
-13.3357

■ 180.2060, 17.6464,
-13.3357

■ 207.7330, 18.3726,

-12.9208

■ 233.6810, 10.5103,
-11.1212

■ 31.7990, 14.8891,
-15.6097

■ 31.7990, 14.8891,
-15.6097

■ 28.2440, 16.6417,
-17.7540

■ 35.3540, 13.1365,
-13.4655

■ 24.1020, 18.6837,
-19.3835

■ 39.4960, 11.0945,
-11.8360

■ 22.9170, 19.2679,
-20.0982

■ 43.3500, 9.1945,
-9.0769

■ 47.4920, 7.1524,
-7.4475

■ 51.0470, 5.3998,
-5.3032

■ 55.1890, 3.3578,
-3.6738

■ 58.7440, 1.6052,
-1.5295

■ 63.1850, -0.5842,
0.7148

■ 66.7400, -2.3368,
2.8590

Harmonies

Analogous

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



29.7330, 14.9216, -26.0758



31.7990, 14.8891, -15.6097



36.0680, 10.3195, 3.4484

Triad

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



31.7990, 14.8891, -15.6097



34.0690, -7.9220, 20.9875



27.8850, -2.4083, -20.9471

Complementary

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



31.7990, 14.8891, -15.6097



44.2010, -14.8891, 15.6097

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.



30.8070, -10.7509, -5.0927



31.7990, 14.8891, -15.6097



33.3150, -14.4523, 15.5097

Square

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



31.7990, 14.8891, -15.6097



34.5020, -1.2335, 22.3617



32.5050, -16.0250, 6.5731



28.2850, 4.2965, -24.8059

Rectangle

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



31.7990, 14.8891, -15.6097



35.9120, 6.9454, 12.3552



32.5050, -16.0250, 6.5731



29.2340, -5.0454, -15.1142

Sweetspot

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



31.7990, 14.8891, -15.6097



69.8620, 5.9840, -6.0180



45.1400, -2.5340, -27.3098



33.3030, 3.7946, -3.7737



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.7990, 14.8891, -15.6097



34.0350, 23.6467, -24.5867



20.0700, 20.6715, -3.5694



28.9290, 1.0210, -0.8147



34.7830, 29.1940, -30.5047



82.2470, 68.8982, -72.1306

Inverse Universe

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



30.7460, 2.0972, 27.4098



32.4860, 3.2114, 43.4238



55.9300, -20.6715, 3.5694



29.0110, -0.0054, 1.7444



32.7800, 4.0525, 53.6899



77.4360, 9.6451, 126.7826

Previews

White Background



This preview shows how the YUV color 31.7990, 14.8891, -15.6097 looks on a white background.

Color Contrast Check

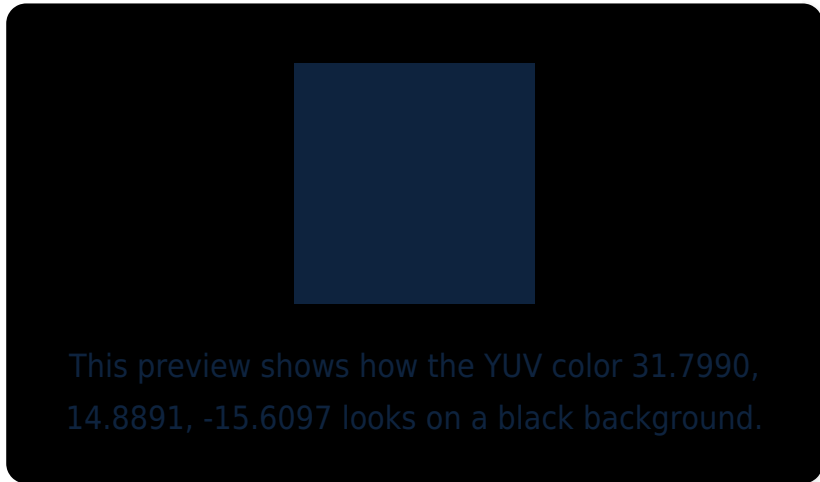
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.7990, 14.8891, -15.6097

Background



This preview shows how black text looks on a background with the YUV color 31.7990, 14.8891, -15.6097.



This preview shows how white text looks on a background with the YUV color 31.7990, 14.8891,

-15.6097.

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

31.7990, 14.8891, -15.6097

Protanopia

33.7890, 13.4150, -9.4620

Deuteranopia

30.6030, 15.4787, -18.0688



Tritanopia

27.6810, 7.0593, -24.2762

Trichromacy



Original Color

31.7990, 14.8891, -15.6097

Protanomaly

32.8920, 13.8572, -11.3063

Deuteranomaly

30.9020, 15.3313, -17.4541

Tritanomaly

29.3870, 9.6692, -21.3874

Monochromacy



Original Color

31.7990, 14.8891, -15.6097

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.7990, 14.8891, -15.6097 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(14, 35, 62)` looks like.

```
.text, #text, p{  
    color:rgb(14, 35, 62)  
}
```

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(14, 35, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 35, 62) }
```

Border

The CSS property to change the border of an element to YUV 31.7990, 14.8891, -15.6097 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(14, 35, 62) }
```


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

```
.border{ border-color:rgb(14, 35, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 35, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 35, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 35, 62);  
box-shadow:4px 4px 4px 4px rgb(14, 35, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.7990, 14.8891, -15.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 35, 62) }
```

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

```
.background{ background-color: rgb(14, 35,  
62) }
```

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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