

Converting Colors

YUV(31.4230, 18.5255,
-15.2800)

Have a look what the booklet for
YUV(31.4230, 18.5255, -15.2800)
contains.

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Color

**YUV(31.4230, 18.5255,
-15.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2145
RGB	14, 33, 69
RGB Percent	5%, 13%, 27%
CMY	0.9451, 0.8706, 0.7294
CMYK	0.80, 0.52, 0.00, 0.73
HSL	219°, 66%, 16%
HSV	219°, 80%, 27%
XYZ	1.7991, 1.6107, 5.8463
YIQ	31.4230, -22.8800, 7.1680

Conversions

Conversions Part 2

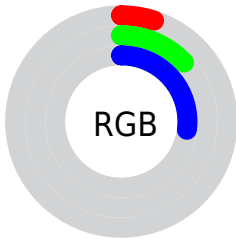
Format	Color
RYB	14, 28, 69
Decimal	926021
CIELab	13.30, 6.98, -24.94
CIElCh	13, 25.901, 285.634
Yxy	1.6107, 0.1944, 0.1740
Android (android.graphics.Color)	4279116101 (0xFF0E2145)
YUV	31.4230, 18.5255, -15.2800
Hunter-Lab	12.6915, 3.0938, -18.4277

Details

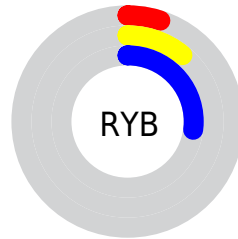
The YUV color **31.4230, 18.5255, -15.2800** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51.5770, -18.5255, 15.2800**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.0860, 19.6776, -11.4764**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **26.3950, 21.0043, -17.0094**, and if you desaturate by 10%, it is **36.4510, 16.0467, -13.5505**.

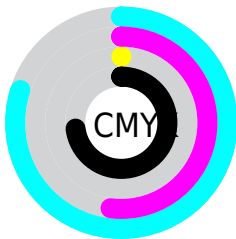
Distribution



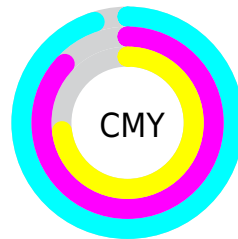
- Red (5%)
- Green (13%)
- Blue (27%)



- Red (5%)
- Yellow (11%)
- Blue (27%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4230, 18.5255, -15.2800 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 31.4230, 18.5255, -15.2800 by changing the saturation by 10% instead.

■ 31.4230, 18.5255,
-15.2800

■ 31.4230, 18.5255,
-15.2800

■ 254.4020, 0.2948,
-1.2296

■ 11.2280, 17.6356,
-9.8470

■ 78.0860, 19.6776,
-11.4764

■ 3.4370, 10.6306,
-3.0142

■ 102.4990, 19.9670,
-10.9616

■ 0.0000, 0.0000,
0.0000

■ 127.1400, 21.1300,
-10.6468

■ 153.2540, 21.5668,
-10.7468

■ 180.3680, 22.0036,
-10.8467

■ 207.8950, 22.7298,

-10.4319

■ 233.4040, 10.6468,
-8.2473

■ 31.4230, 18.5255,
-15.2800

■ 31.4230, 18.5255,
-15.2800

■ 26.3950, 21.0043,
-17.0094

■ 36.4510, 16.0467,
-13.5505

■ 21.9540, 23.1937,
-19.2537

■ 40.8920, 13.8572,
-11.3063

■ 45.9200, 11.3784,
-9.5768

■ 50.3610, 9.1890,
-7.3326

■ 55.3890, 6.7102,
-5.6032

■ 59.5310, 4.6682,
-3.9737

■ 64.5590, 2.1894,
-2.2442

■ 69.0000, 0.0000,
0.0000

■ 74.0280, -2.4788,
1.7294

Harmonies

Analogous

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



30.7590, 18.8528, -26.9756



31.4230, 18.5255, -15.2800



35.5680, 12.0450, 10.0259

Triad

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



31.4230, 18.5255, -15.2800



31.9080, -13.7586, 26.3907



27.5040, -1.2345, -24.1210

Complementary

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



31.4230, 18.5255, -15.2800



51.5770, -18.5255, 15.2800

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.



28.0080, -12.3289, -12.2850



31.4230, 18.5255, -15.2800



32.8590, -16.1995, 15.9097

Square

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



31.4230, 18.5255, -15.2800



32.0900, -3.0024, 29.7391



31.5970, -15.5773, 2.9844



29.5560, 6.6279, -25.9206

Rectangle

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



31.4230, 18.5255, -15.2800



34.0810, 7.3551, 20.9770



31.5970, -15.5773, 2.9844



26.1190, -4.0027, -22.9064

Sweetspot

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



31.4230, 18.5255, -15.2800



74.5030, 7.1470, -5.7031



50.3890, -0.1918, -31.9132



36.8300, 4.5208, -3.3589



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



31.4230, 18.5255, -15.2800



30.7130, 28.7355, -23.4273



22.6620, 22.8446, -0.5806



33.0430, 1.4578, -0.9147



31.2440, 33.4037, -27.4010



71.6640, 76.5806, -62.8493

Inverse Universe

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



32.6110, 0.1918, 31.9132



32.7210, 0.1375, 49.3567



60.3380, -22.8446, 0.5806



33.3100, -0.1528, 2.3591



33.4770, 0.2578, 57.4637



76.7650, 0.6089, 131.7561

Previews

White Background



This preview shows how the YUV color 31.4230, 18.5255, -15.2800 looks on a white background.

Color Contrast Check

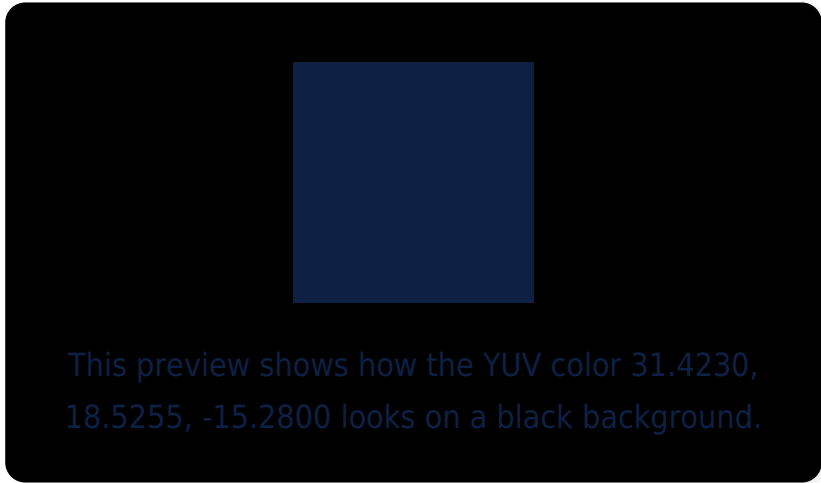
Large Text (above 18pt) WCAG AA ✓ Pass

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

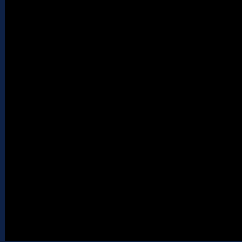
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.4230, 18.5255, -15.2800

Background



This preview shows how black text looks on a background with the YUV color 31.4230, 18.5255, -15.2800.



This preview shows how white text looks on a background with the YUV color 31.4230, 18.5255,

-15.2800.

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

31.4230, 18.5255, -15.2800

Protanopia

30.2270, 19.1151, -17.7391

Deuteranopia

27.4990, 16.5160, -24.1166



Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Original Color

31.4230, 18.5255, -15.2800

Protanomaly

30.5260, 18.9677, -17.1243

Deuteranomaly

28.7490, 17.3787, -20.8279

Tritanomaly

28.4410, 11.1216, -20.5578

Monochromacy



Original Color

31.4230, 18.5255, -15.2800

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.3890, 6.7102, -5.6032

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4230, 18.5255, -15.2800 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, 33, 69)` looks like.

```
.text, #text, p{  
    color:rgb(14, 33, 69)  
}
```

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, 33, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 33, 69) }
```

Border

The CSS property to change the border of an element to YUV 31.4230, 18.5255, -15.2800 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, 33, 69) }
```


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

```
.border{ border-color:rgb(14, 33, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 33, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 33, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 33, 69);  
box-shadow:4px 4px 4px 4px rgb(14, 33, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.4230, 18.5255, -15.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 33, 69) }
```

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

```
.background{ background-color: rgb(14, 33,  
69) }
```

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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