

Converting Colors

YUV(31.5790, 5.1376, -14.5398)

Have a look what the booklet for
YUV(31.5790, 5.1376, -14.5398)
contains.

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Color

**YUV(31.5790, 5.1376,
-14.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	0F262A
RGB	15, 38, 42
RGB Percent	6%, 15%, 16%
CMY	0.9412, 0.8510, 0.8353
CMYK	0.64, 0.10, 0.00, 0.84
HSL	189°, 47%, 11%
HSV	189°, 64%, 16%
XYZ	1.3080, 1.6550, 2.4410
YIQ	31.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

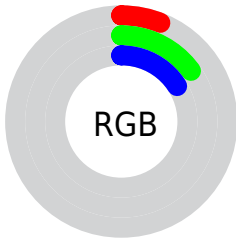
Format	Color
RYB	15, 27, 42
Decimal	992810
CIELab	13.56, -7.60, -5.43
CIElCh	14, 9.337, 215.534
Yxy	1.6550, 0.2421, 0.3062
Android (android.graphics.Color)	4279182890 (0xFF0F262A)
YUV	31.5790, 5.1376, -14.5398
Hunter-Lab	12.8645, -4.3634, -2.2449

Details

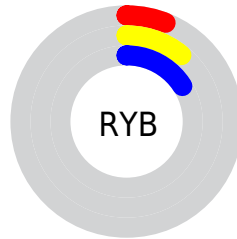
The YUV color **31.5790, 5.1376, -14.5398** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.4210, -5.1376, 14.5398**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.5790, 5.1376, -14.5398**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7960, 6.0166, -16.4841**, and if you desaturate by 10%, it is **33.3620, 4.2585, -12.5955**.

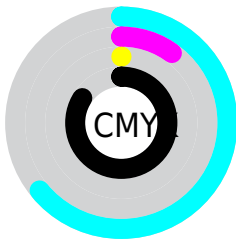
Distribution



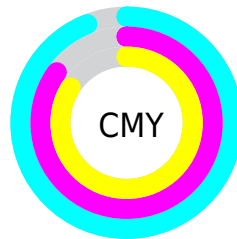
- Red (6%)
- Green (15%)
- Blue (16%)



- Red (6%)
- Yellow (11%)
- Blue (16%)



- Cyan (64%)
- Magenta (10%)
- Yellow (0%)
- Black (84%)



- Cyan (94%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5790, 5.1376, -14.5398 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 31.5790, 5.1376, -14.5398 by changing the saturation by 10% instead.

■ 31.5790, 5.1376,
-14.5398

■ 31.5790, 5.1376,
-14.5398

■ 251.4120, 1.7689,
-7.3773

■ 13.0740, 4.4005,
-11.4659

■ 76.5790, 5.1376,
-14.5398

■ 0.0000, 0.0000,
0.0000

■ 100.3940, 5.7218,
-15.2545

■ 125.3940, 5.7218,
-15.2545

■ 151.0950, 5.8692,
-15.8693

■ 178.0950, 5.8692,
-15.8693

■ 205.7960, 6.0166,

-16.4841

■ 233.9100, 6.4534,
-16.5841

■ 31.5790, 5.1376,
-14.5398

■ 31.5790, 5.1376,
-14.5398

■ 29.7960, 6.0166,
-16.4841

■ 33.3620, 4.2585,
-12.5955

■ 28.6000, 6.6062,
-18.9432

■ 34.5580, 3.6689,
-10.1364

■ 26.5180, 7.6326,
-21.5023

■ 36.6400, 2.6425,
-7.5773

■ 25.9200, 7.9274,
-22.7318

■ 37.8360, 2.0529,
-5.1182

■ 39.6190, 1.1738,
-3.1739

■ 41.4020, 0.2948,
-1.2296

■ 42.5980, -0.2948,
1.2296

■ 44.6800, -1.3212,
3.7886

■ 46.4630, -2.2003,
5.7329

Harmonies

Analogous

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



31.4930, 2.2220, -12.7104



31.5790, 5.1376, -14.5398



32.9430, 6.4371, -11.3510

Triad

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



31.5790, 5.1376, -14.5398



35.9130, 2.0149, 7.0923



34.4150, -6.1206, 3.1440

Complementary

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



31.5790, 5.1376, -14.5398



25.4210, -5.1376, 14.5398

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.



34.5620, -5.7001, 8.2771



31.5790, 5.1376, -14.5398



35.8380, -0.9061, 10.6661

Square

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



31.5790, 5.1376, -14.5398



35.5640, 4.6519, 1.2594



35.3280, -4.1057, 10.2363



33.7240, -4.7939, -2.3889

Rectangle

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



31.5790, 5.1376, -14.5398



34.0790, 6.8631, -7.9623



35.3280, -4.1057, 10.2363



34.4260, -6.1260, 4.8884

Sweetspot

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



31.5790, 5.1376, -14.5398



49.5370, 2.2003, -5.7329



31.3050, -6.0664, -14.2995



25.6190, 1.1738, -3.1739



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



31.5790, 5.1376, -14.5398



37.3330, 8.2168, -22.2170



23.9480, 8.8996, -7.8474



19.4020, 0.2948, -1.2296



51.8400, 15.8549, -45.4637



129.8280, 40.5108, -113.8592

Inverse Universe

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



25.6950, 6.0664, 14.2995



28.5480, 9.0968, 22.3214



33.0520, -8.8996, 7.8474



18.8260, 0.5788, 1.0296



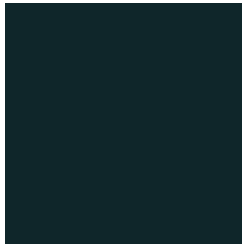
33.3240, 19.0673, 44.4429



83.9080, 47.3734, 112.3367

Previews

White Background



This preview shows how the YUV color 31.5790, 5.1376, -14.5398 looks on a white background.

Color Contrast Check

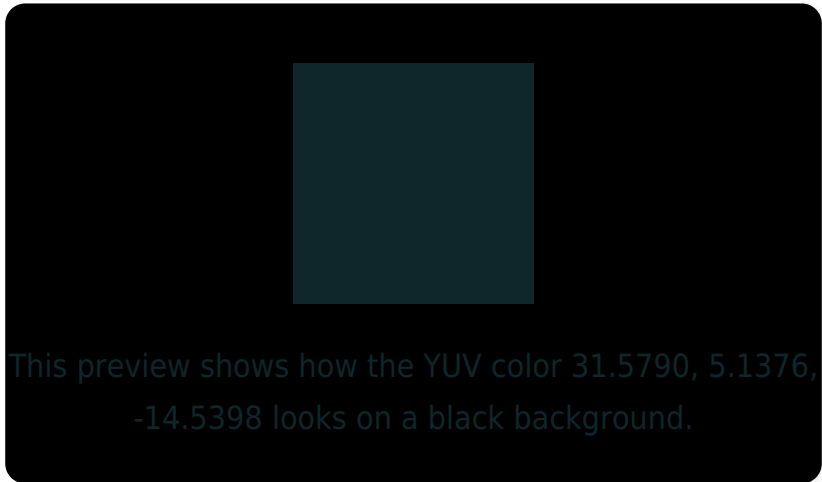
Large Text (above 18pt) WCAG AA ✓ Pass

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

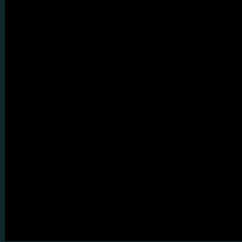
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

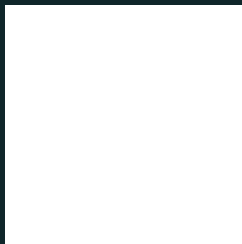
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.5790, 5.1376, -14.5398

Background



This preview shows how black text looks on a background with the YUV color 31.5790, 5.1376, -14.5398.



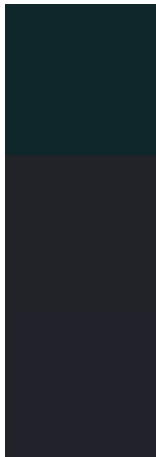
This preview shows how white text looks on a background with the YUV color 31.5790, 5.1376, -14.5398.

-14.5398.

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

31.5790, 5.1376, -14.5398

Protanopia

35.2710, 2.3314, -1.1147

Deuteranopia

35.0260, 3.9312, -0.8998



Tritanopia

31.4650, 4.7008, -14.4398

Trichromacy



Original Color

31.5790, 5.1376, -14.5398

Protanomaly

33.8790, 3.5107, -6.0329

Deuteranomaly

33.5200, 4.6736, -5.7180

Tritanomaly

31.4650, 4.7008, -14.4398

Monochromacy



Original Color

31.5790, 5.1376, -14.5398

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8360, 2.0529, -5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5790, 5.1376, -14.5398 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(15, 38, 42)` looks like.

```
.text, #text, p{  
    color:rgb(15, 38, 42)  
}
```

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(15, 38, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 38, 42) }
```

Border

The CSS property to change the border of an element to YUV 31.5790, 5.1376, -14.5398 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(15, 38, 42) }
```


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

```
.border{ border-color:rgb(15, 38, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 38, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 38, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 38, 42);  
box-shadow:4px 4px 4px 4px rgb(15, 38, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5790, 5.1376, -14.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 38, 42) }
```

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

```
.background{ background-color: rgb(15, 38,  
42) }
```

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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