

Converting Colors

YUV(16.5860, 38.1651,
-14.5459)

Have a look what the booklet for
YUV(16.5860, 38.1651, -14.5459)
contains.

YUV(16.5860, 38.1651, -14.5459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(16.5860, 38.1651,
-14.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	000A5E
RGB	0, 10, 94
RGB Percent	0%, 4%, 37%
CMY	1.0000, 0.9608, 0.6314
CMYK	1.00, 0.89, 0.00, 0.63
HSL	234°, 100%, 18%
HSV	234°, 100%, 37%
XYZ	2.1289, 1.0252, 10.6754
YIQ	16.5860, -32.9240, 24.0040

Conversions

Conversions Part 2

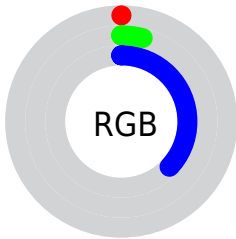
Format	Color
RYB	0, 9, 94
Decimal	2654
CIELab	9.20, 32.32, -48.77
CIELCh	9, 58.512, 303.532
Yxy	1.0252, 0.1539, 0.0741
Android (android.graphics.Color)	4278192734 (0xFF000A5E)
YUV	16.5860, 38.1651, -14.5459
Hunter-Lab	10.1254, 19.8112, -55.4226

Details

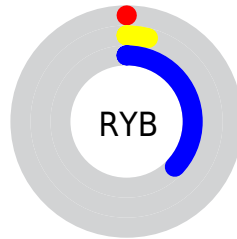
The YUV color **16.5860, 38.1651, -14.5459** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **77.4140, -38.1651, 14.5459**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3860, 38.2637, 0.5385**, and **7.5920, 18.9351, -6.6582** is the 20% darker color. If you saturate the color by 10%, you get **16.5860, 38.1651, -14.5459**, and if you desaturate by 10%, it is **23.9730, 34.5233, -13.1313**.

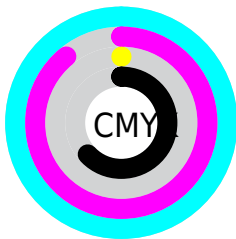
Distribution



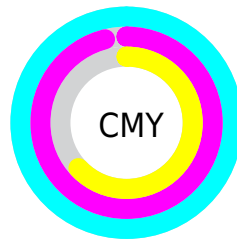
- Red (0%)
- Green (4%)
- Blue (37%)



- Red (0%)
- Yellow (4%)
- Blue (37%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.5860, 38.1651, -14.5459 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 16.5860, 38.1651, -14.5459 by changing the saturation by 10% instead.

■ 16.5860, 38.1651,
-14.5459

■ 16.5860, 38.1651,
-14.5459

■ 243.2600, 5.7878,
10.2960

■ 7.9800, 30.5759,
-6.9985

■ 68.3860, 38.2637,
0.5385

■ 7.5920, 18.9351,
-6.6582

■ 93.9240, 38.9845,
2.6977

■ 3.4370, 10.6306,
-3.0142

■ 119.1630, 39.8526,
4.2420

■ 0.0000, 0.0000,
0.0000

■ 145.5160, 41.1576,
5.6865

■ 172.1140, 40.8628,
6.9160

■ 196.3350, 28.9218,

10.2302

■ 221.4420, 16.5441,
13.6444

■ 16.5860, 38.1651,
-14.5459

■ 23.9730, 34.5233,
-13.1313

■ 32.2460, 30.4447,
-11.6167

■ 39.6330, 26.8029,
-10.2021

■ 47.9060, 22.7243,
-8.6876

■ 55.2930, 19.0826,
-7.2730

■ 62.6800, 15.4408,
-5.8584

■ 70.9530, 11.3622,
-4.3438

■ 78.3400, 7.7204,
-2.9292

■ 86.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



31.0960, 37.9137, -27.2712



16.5860, 38.1651, -14.5459



28.5960, 16.4682, 38.0653

Triad

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



16.5860, 38.1651, -14.5459



20.2880, -10.0020, 34.8274



25.7260, 2.1071, -22.5617

Complementary

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



16.5860, 38.1651, -14.5459



77.4140, -38.1651, 14.5459

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.



22.3060, -10.9969, -19.5624



16.5860, 38.1651, -14.5459



24.8190, -12.2358, 4.5437

Square

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



16.5860, 38.1651, -14.5459



23.9200, -11.7926, 49.1822



21.1320, -10.4181, -18.5328



31.4600, 19.0002, -27.5904

Rectangle

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



16.5860, 38.1651, -14.5459



29.5190, 3.1951, 48.6568



21.1320, -10.4181, -18.5328



24.0160, -4.4449, -21.0620

Sweetspot

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



16.5860, 38.1651, -14.5459



92.4520, 14.5672, -5.6584



64.6400, 9.0515, -56.6893



43.2690, 8.7414, -3.7439



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



16.5860, 38.1651, -14.5459



21.5390, 49.5273, -18.8897



21.4800, 35.7524, 12.7340



42.1570, 1.8946, -1.0147



19.5840, 44.5751, -17.1752



41.6930, 96.2864, -36.5648

Inverse Universe

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



29.2460, -9.4883, 56.7893



37.9600, -12.3053, 73.7031



72.5200, -35.7524, -12.7340



42.6090, -0.3002, 2.9739



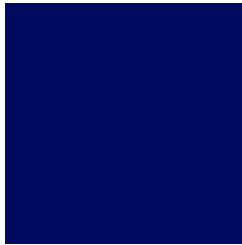
34.2580, -10.9732, 66.4257



73.7130, -24.0155, 143.2027

Previews

White Background



This preview shows how the YUV color 16.5860, 38.1651, -14.5459 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



This preview shows how the YUV color 16.5860, 38.1651, -14.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

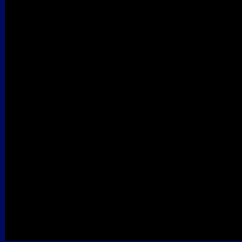
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.5860, 38.1651, -14.5459

Background



This preview shows how black text looks on a background with the YUV color 16.5860, 38.1651, -14.5459.



This preview shows how white text looks on a background with the YUV color 16.5860, 38.1651, -14.5459.

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

16.5860, 38.1651, -14.5459

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.3100, 13.1582, -20.4429



Tritanopia

23.2470, 5.3012, -20.3876

Trichromacy



Original Color

16.5860, 38.1651, -14.5459

Protanomaly

20.5350, 25.3722, -18.0092

Deuteranomaly

21.0250, 22.1727, -18.4389

Tritanomaly

21.0590, 17.2259, -18.4687

Monochromacy



Original Color

16.5860, 38.1651, -14.5459

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

16.6370, 13.9830, -4.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.5860, 38.1651, -14.5459 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(0, 10, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 10, 94)  
}
```

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(0, 10, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 10, 94) }
```

Border

The CSS property to change the border of an element to YUV 16.5860, 38.1651, -14.5459 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(0, 10, 94) }
```


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

```
.border{ border-color:rgb(0, 10, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 10, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 10, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 10, 94); box-shadow:4px  
4px 4px 4px rgb(0, 10, 94) }
```

Background

The CSS property to change the background color of an element to YUV 16.5860, 38.1651, -14.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 10, 94) }
```

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

```
.background{ background-color: rgb(0, 10,  
94) }
```

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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