

Converting Colors

YUV(79.0610, 3.9139, -42.1495)

Have a look what the booklet for
YUV(79.0610, 3.9139, -42.1495)
contains.

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Color

**YUV(79.0610, 3.9139,
-42.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6657
RGB	31, 102, 87
RGB Percent	12%, 40%, 34%
CMY	0.8784, 0.6000, 0.6588
CMYK	0.70, 0.00, 0.15, 0.60
HSL	167°, 53%, 26%
HSV	167°, 70%, 40%
XYZ	7.0367, 10.4822, 10.6692
YIQ	79.0610, -37.5010, -19.7170

Conversions

Conversions Part 2

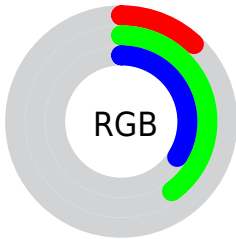
Format	Color
R_{YB}	31, 71, 102
Decimal	2057815
CIE _{Lab}	38.69, -25.80, 2.10
CIE _{LCh}	39, 25.887, 175.357
Yxy	10.4822, 0.2496, 0.3719
Android (android.graphics.Color)	4280247895 (0xFF1F6657)
YUV	79.0610, 3.9139, -42.1495
Hunter-Lab	32.3762, -17.8625, 3.1250

Details

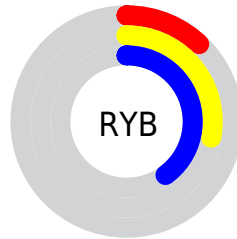
The YUV color **79.0610, 3.9139, -42.1495** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **53.9390, -3.9139, 42.1495**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4310, 2.7455, -40.7200**, and **36.4860, 2.7184, -31.9982** is the 20% darker color. If you saturate the color by 10%, you get **75.8430, 4.5144, -48.0973**, and if you desaturate by 10%, it is **82.2790, 3.3135, -36.2017**.

Distribution



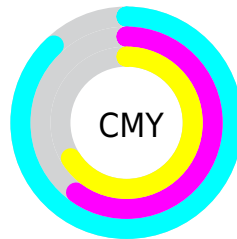
- Red (12%)
- Green (40%)
- Blue (34%)



- Red (12%)
- Yellow (28%)
- Blue (40%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (88%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0610, 3.9139, -42.1495 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 79.0610, 3.9139, -42.1495 by changing the saturation by 10% instead.

■ 79.0610, 3.9139,
-42.1495

■ 79.0610, 3.9139,
-42.1495

255.0000, 0.0000,
0.0000

■ 53.0820, 5.3826,
-46.5529

■ 131.4310, 2.7455,
-40.7200

■ 36.4860, 2.7184,
-31.9982

■ 158.3170, 2.3087,
-40.6200

■ 22.3520, -0.6665,
-19.6027

■ 185.3170, 2.3087,
-40.6200

■ 0.0000, 0.0000,
0.0000

■ 213.6050, 2.1667,
-41.7496

■ 235.7350, 5.0606,
-36.6016

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 79.0610, 3.9139,
-42.1495

■ 79.0610, 3.9139,
-42.1495

■ 75.8430, 4.5144,
-48.0973

■ 82.2790, 3.3135,
-36.2017

■ 72.6250, 5.1149,
-54.0451

■ 85.4970, 2.7130,
-30.2539

■ 69.1080, 5.8628,
-60.6077

■ 89.0140, 1.9651,
-23.6913

■ 68.9940, 5.4260,
-60.5077

■ 92.3460, 1.8014,
-17.8434

■ 95.5640, 1.2009,
-11.8956

■ 98.7820, 0.6005,
-5.9478

■ 102.0000, 0.0000,
0.0000

■ 105.5170, -0.7479,
6.5626

■ 108.7350, -1.3484,
12.5104

Harmonies

Analogous

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



84.8760, -8.8129, -20.0623



79.0610, 3.9139, -42.1495



72.1860, 17.6563, -63.3071

Triad

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



79.0610, 3.9139, -42.1495



92.3860, 18.0507, -2.9695



90.8220, -16.6742, 28.2201

Complementary

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



79.0610, 3.9139, -42.1495



53.9390, -3.9139, 42.1495

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.



92.2170, -8.9810, 34.0127



79.0610, 3.9139, -42.1495



93.5690, 10.5655, 17.9180

Square

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



79.0610, 3.9139, -42.1495



86.1870, 23.0788, -29.1050



93.4260, 0.7760, 31.1984



90.1210, -20.2727, 15.6799

Rectangle

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



79.0610, 3.9139, -42.1495



72.9670, 23.1873, -63.9921



93.4260, 0.7760, 31.1984



91.4140, -14.5011, 31.2089

Sweetspot

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



79.0610, 3.9139, -42.1495



123.9440, 1.5066, -16.6139



77.1620, -22.7579, -27.3291



60.8740, 1.0481, -9.5365



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



79.0610, 3.9139, -42.1495



96.7760, 6.0264, -66.4556



69.0310, 16.2537, -33.3532



49.3910, 0.3002, -2.9739



77.8790, 6.4687, -68.2999



163.8280, 13.3958, -143.6772

Inverse Universe

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



53.9390, -3.9139, 42.1495



57.2240, -6.0264, 66.4556



63.9690, -16.2537, 33.3532



47.6090, -0.3002, 2.9739



37.1210, -6.4687, 68.2999



78.1720, -13.3958, 143.6772

Previews

White Background



This preview shows how the YUV color 79.0610, 3.9139, -42.1495 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



This preview shows how the YUV color 79.0610, 3.9139, -42.1495 looks on a 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 79.0610, 3.9139, -42.1495

Background



This preview shows how black text looks on a background with the YUV color 79.0610, 3.9139, -42.1495.



This preview shows how white text looks on a background with the YUV color 79.0610, 3.9139, -42.1495.

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

79.0610, 3.9139, -42.1495

Protanopia

90.4690, -4.6682, 3.9737

Deuteranopia

91.8160, -0.8953, 7.1774



Tritanopia

82.5700, 12.0440, -36.4569

Trichromacy



Original Color

79.0610, 3.9139, -42.1495

Protanomaly

86.1680, -1.5618, -12.4253

Deuteranomaly

87.1620, 0.9061, -10.6661

Tritanomaly

81.1630, 9.2866, -38.7310

Monochromacy



Original Color

79.0610, 3.9139, -42.1495

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0610, 3.9139, -42.1495 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(31, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(31, 102, 87)  
}
```

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(31, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 102, 87) }
```

Border

The CSS property to change the border of an element to YUV 79.0610, 3.9139, -42.1495 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(31, 102, 87) }
```


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

```
.border{ border-color:rgb(31, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(31, 102,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 79.0610, 3.9139, -42.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 102, 87) }
```

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

```
.background{ background-color: rgb(31, 102,  
87) }
```

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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