

Converting Colors

YUV(78.1180, 21.1408,
-14.1355)

Have a look what the booklet for
YUV(78.1180, 21.1408, -14.1355)
contains.

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Color

**YUV(78.1180, 21.1408,
-14.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4E79
RGB	62, 78, 121
RGB Percent	24%, 31%, 47%
CMY	0.7569, 0.6941, 0.5255
CMYK	0.49, 0.36, 0.00, 0.53
HSL	224°, 32%, 36%
HSV	224°, 49%, 47%
XYZ	8.1622, 7.8534, 19.1748
YIQ	78.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

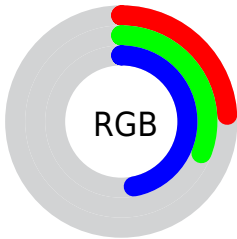
Format	Color
RYB	62, 75, 121
Decimal	4083321
CIELab	33.68, 6.47, -26.46
CIElCh	34, 27.237, 283.751
Yxy	7.8534, 0.2319, 0.2232
Android (android.graphics.Color)	4282273401 (0xFF3E4E79)
YUV	78.1180, 21.1408, -14.1355
Hunter-Lab	28.0239, 2.9477, -20.9513

Details

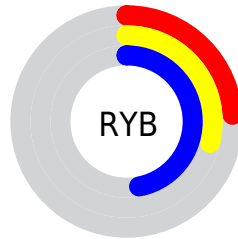
The YUV color **78.1180, 21.1408, -14.1355** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **104.8820, -21.1408, 14.1355**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1720, 22.5932, -13.3058**, and **30.5580, 20.4309, -19.7834** is the 20% darker color. If you saturate the color by 10%, you get **69.2470, 25.5142, -16.8796**, and if you desaturate by 10%, it is **86.9890, 16.7674, -11.3914**.

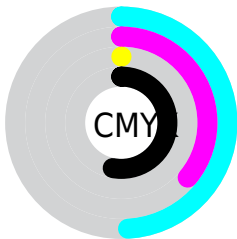
Distribution



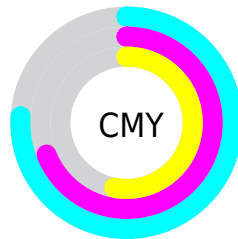
- Red (24%)
- Green (31%)
- Blue (47%)



- Red (24%)
- Yellow (29%)
- Blue (47%)



- Cyan (49%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1180, 21.1408, -14.1355 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 78.1180, 21.1408, -14.1355 by changing the saturation by 10% instead.

■ 78.1180, 21.1408,
-14.1355

■ 78.1180, 21.1408,
-14.1355

■ 255.0000, 0.0000,
0.0000

■ 54.2920, 20.5620,
-15.1651

■ 128.1720, 22.5932,
-13.3058

■ 30.5580, 20.4309,
-19.7834

■ 154.2860, 23.0300,
-13.4058

■ 12.6300, 17.9304,
-11.0765

■ 180.8130, 23.7562,
-12.9910

■ 3.7790, 11.9410,
-3.3142

■ 208.5850, 22.8826,
-12.7910

■ 0.0000, 0.0000,
0.0000

■ 233.3930, 10.6523,
-9.9917

■ 253.8040, 0.5896,

-2.4591

■ 78.1180, 21.1408,
-14.1355

■ 78.1180, 21.1408,
-14.1355

■ 69.2470, 25.5142,
-16.8796

■ 86.9890, 16.7674,
-11.3914

■ 60.3760, 29.8876,
-19.6238

■ 95.8600, 12.3940,
-8.6472

■ 52.0920, 33.9716,
-22.8827

■ 104.1440, 8.3100,
-5.3883

■ 43.2210, 38.3450,
-25.6268

■ 113.0150, 3.9366,
-2.6442

■ 34.3500, 42.7185,
-28.3709

■ 121.8860, -0.4368,
0.1000

■ 33.1650, 43.3027,
-29.0857

■ 131.0560, -4.9576,
3.4589

■ 139.9270, -9.3310,
6.2030

■ 148.7980,
-13.7044, 8.9472

■ 157.0820,
-17.7884, 12.2061

Harmonies

Analogous

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



65.0700, 27.0805, -52.6814



78.1180, 21.1408, -14.1355



81.7360, 13.9342, 10.7555

Triad

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



78.1180, 21.1408, -14.1355



79.1260, -14.3591, 32.3385



68.4270, -1.1965, -36.3315

Complementary

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



78.1180, 21.1408, -14.1355



104.8820, -21.1408, 14.1355

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.



73.4810, -13.0551, -12.6998



78.1180, 21.1408, -14.1355



78.1540, -20.2889, 20.9129

Square

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



78.1180, 21.1408, -14.1355



80.2540, -5.0552, 34.8572



76.4680, -19.9507, 5.7286



62.9760, 12.8298, -55.2300

Rectangle

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



78.1180, 21.1408, -14.1355



81.7330, 8.5126, 23.0362



76.4680, -19.9507, 5.7286



70.6300, -5.7336, -27.7395

Sweetspot

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



78.1180, 21.1408, -14.1355



140.8450, 8.4574, -6.0031



101.4210, 1.2714, -34.5722



68.9440, 4.9576, -3.4589



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



78.1180, 21.1408, -14.1355



90.2770, 33.3874, -22.1679



72.6130, 23.8548, 2.0934



56.8580, 2.0420, -1.6295



34.2080, 44.7605, -30.0004



68.6440, 90.3945, -60.2008

Inverse Universe

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



81.4650, -1.7082, 34.6722



95.6570, -2.7889, 54.6748



110.3870, -23.8548, -2.0934



57.0220, -0.0108, 3.4887



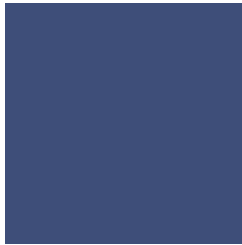
41.2510, -3.5747, 73.4479



83.1000, -7.4443, 148.1253

Previews

White Background



This preview shows how the YUV color 78.1180, 21.1408, -14.1355 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 78.1180, 21.1408, -14.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

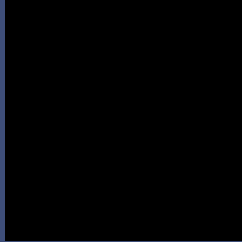
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1180, 21.1408, -14.1355

Background



This preview shows how black text looks on a background with the YUV color 78.1180, 21.1408, -14.1355.

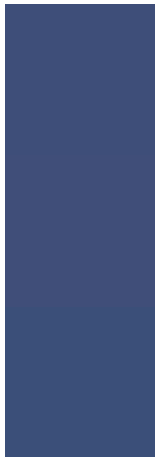


This preview shows how white text looks on a background with the YUV color 78.1180, 21.1408,

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

78.1180, 21.1408, -14.1355

Protanopia

78.7160, 20.8460, -12.9059

Deuteranopia

77.8080, 21.2937, -16.4946



Tritanopia

75.5290, 7.6272, -19.7579

Trichromacy



Original Color

78.1180, 21.1408, -14.1355

Protanomaly

78.4170, 20.9934, -13.5207

Deuteranomaly

78.1070, 21.1462, -15.8798

Tritanomaly

76.5060, 12.5685, -17.9838

Monochromacy



Original Color

78.1180, 21.1408, -14.1355

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0300, 7.8732, -5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1180, 21.1408, -14.1355 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(62, 78, 121)` looks like.

```
.text, #text, p{  
    color:rgb(62, 78, 121)  
}
```

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(62, 78, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 78, 121) }
```

Border

The CSS property to change the border of an element to YUV 78.1180, 21.1408, -14.1355 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(62, 78, 121) }
```


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

```
.border{ border-color:rgb(62, 78, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 78, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 78, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 78, 121);  
box-shadow:4px 4px 4px 4px rgb(62, 78,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 78.1180, 21.1408, -14.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 78, 121) }
```

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

```
.background{ background-color: rgb(62, 78,  
121) }
```

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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