

Converting Colors

YUV(76.3950, 21.0043,
-17.0094)

Have a look what the booklet for
YUV(76.3950, 21.0043, -17.0094)
contains.

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Color

**YUV(76.3950, 21.0043,
-17.0094)**

Conversions

Conversions Part 1

Format	Color
Hex	394E77
RGB	57, 78, 119
RGB Percent	22%, 31%, 47%
CMY	0.7765, 0.6941, 0.5333
CMYK	0.52, 0.34, 0.00, 0.53
HSL	220°, 35%, 35%
HSV	220°, 52%, 47%
XYZ	7.7415, 7.6505, 18.5214
YIQ	76.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

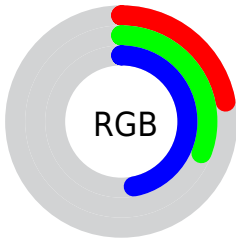
Format	Color
RYB	57, 73, 119
Decimal	3755639
CIELab	33.24, 4.48, -25.91
CIELCh	33, 26.296, 279.803
Yxy	7.6505, 0.2283, 0.2256
Android (android.graphics.Color)	4281945719 (0xFF394E77)
YUV	76.3950, 21.0043, -17.0094
Hunter-Lab	27.6596, 1.5551, -20.3401

Details

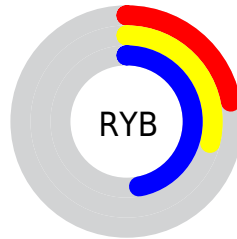
The YUV color **76.3950, 21.0043, -17.0094** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99.6050, -21.0043, 17.0094**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3350, 22.0198, -16.0798**, and **27.9380, 20.7366, -24.5016** is the 20% darker color. If you saturate the color by 10%, you get **68.1110, 25.0883, -20.2683**, and if you desaturate by 10%, it is **84.6790, 16.9203, -13.7505**.

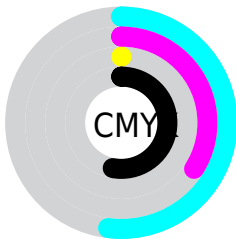
Distribution



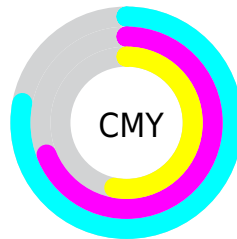
- Red (22%)
- Green (31%)
- Blue (47%)



- Red (22%)
- Yellow (29%)
- Blue (47%)



- Cyan (52%)
- Magenta (34%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3950, 21.0043, -17.0094 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 76.3950, 21.0043, -17.0094 by changing the saturation by 10% instead.

■ 76.3950, 21.0043,
-17.0094

■ 76.3950, 21.0043,
-17.0094

■ 255.0000, 0.0000,
0.0000

■ 52.2700, 20.5729,
-18.6538

■ 126.3350, 22.0198,
-16.0798

■ 27.9380, 20.7366,
-24.5016

■ 152.5630, 22.8934,
-16.2798

■ 12.5160, 17.4936,
-10.9765

■ 179.0900, 23.6196,
-15.8649

■ 3.5510, 11.0674,
-3.1142

■ 207.0900, 23.6196,
-15.8649

■ 0.0000, 0.0000,
0.0000

■ 231.8980, 11.3893,
-13.0655

■ 252.3090, 1.3267,

-5.5330

■ 76.3950, 21.0043,
-17.0094

■ 76.3950, 21.0043,
-17.0094

■ 68.1110, 25.0883,
-20.2683

■ 84.6790, 16.9203,
-13.7505

■ 59.8270, 29.1723,
-23.5273

■ 92.9630, 12.8362,
-10.4916

■ 51.5430, 33.2563,
-26.7862

■ 101.2470, 8.7522,
-7.2326

■ 43.8460, 37.0509,
-30.5599

■ 108.9440, 4.9576,
-3.4589

■ 37.0460, 40.4033,
-32.4893

■ 116.9290, 1.0210,
-0.8147

■ 125.2130, -3.0630,
2.4442

■ 133.4970, -7.1470,
5.7031

■ 141.7810,
-11.2310, 8.9621

■ 150.0650,
-15.3150, 12.2210

Harmonies

Analogous

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



62.6460, 26.7965, -54.9405



76.3950, 21.0043, -17.0094



80.2410, 14.6712, 7.6816

Triad

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



76.3950, 21.0043, -17.0094



78.5820, -12.6119, 31.9386



68.7050, -2.8126, -31.3133

Complementary

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



76.3950, 21.0043, -17.0094



99.6050, -21.0043, 17.0094

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.



73.5630, -14.0816, -10.1408



76.3950, 21.0043, -17.0094



77.5070, -18.9840, 22.3574

Square

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



76.3950, 21.0043, -17.0094



79.2970, -3.5974, 33.9425



75.5930, -19.5193, 7.3729



61.9330, 11.3720, -54.3152

Rectangle

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



76.3950, 21.0043, -17.0094



80.5370, 9.1023, 20.5771



75.5930, -19.5193, 7.3729



70.7230, -6.7654, -23.4361

Sweetspot

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



76.3950, 21.0043, -17.0094



138.5460, 8.6048, -6.6178



97.9540, -0.4703, -35.9167



68.6450, 5.1050, -4.0737



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.



76.3950, 21.0043, -17.0094



88.5430, 33.2563, -26.7862



66.7590, 25.7548, -0.6656



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



78.3950, 84.6013, -68.7524

Inverse Universe

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



77.9320, 0.0335, 36.0166



91.0640, -0.0316, 56.9489



109.2410, -25.7548, 0.6656



55.0220, -0.0108, 3.4887



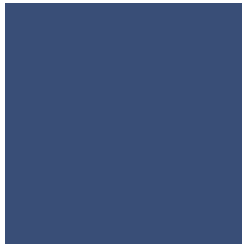
41.1520, -0.0749, 70.9037



84.4400, 0.2761, 145.1961

Previews

White Background



This preview shows how the YUV color 76.3950, 21.0043, -17.0094 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 76.3950, 21.0043, -17.0094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

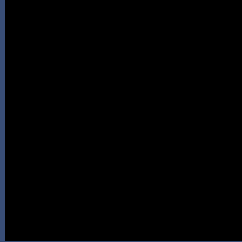
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3950, 21.0043, -17.0094

Background



This preview shows how black text looks on a background with the YUV color 76.3950, 21.0043, -17.0094.



This preview shows how white text looks on a background with the YUV color 76.3950, 21.0043,

-17.0094.

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

76.3950, 21.0043, -17.0094

Protanopia

77.7870, 19.8250, -12.0912

Deuteranopia

76.6940, 20.8569, -16.3946



Tritanopia

73.6210, 8.0748, -23.3466

Trichromacy



Original Color

76.3950, 21.0043, -17.0094

Protanomaly

76.8900, 20.2672, -13.9355

Deuteranomaly

76.6940, 20.8569, -16.3946

Tritanomaly

74.8970, 12.8688, -20.9577

Monochromacy



Original Color

76.3950, 21.0043, -17.0094

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.3180, 7.7312, -6.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3950, 21.0043, -17.0094 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(57, 78, 119)` looks like.

```
.text, #text, p{  
    color:rgb(57, 78, 119)  
}
```

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(57, 78, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 78, 119) }
```

Border

The CSS property to change the border of an element to YUV 76.3950, 21.0043, -17.0094 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(57, 78, 119) }
```


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

```
.border{ border-color:rgb(57, 78, 119) }
```

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

Here you see how a box with a 4 pixel rgb(57, 78, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 78, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 78, 119);  
box-shadow:4px 4px 4px 4px rgb(57, 78,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 76.3950, 21.0043, -17.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 78, 119) }
```

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

```
.background{ background-color: rgb(57, 78,  
119) }
```

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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