

Converting Colors

YUV(76.1810, 12.2358, -4.5437)

Have a look what the booklet for
YUV(76.1810, 12.2358, -4.5437)
contains.

YUV(76.1810, 12.2358, -4.5437)	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(76.1810, 12.2358,
-4.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	474A65
RGB	71, 74, 101
RGB Percent	28%, 29%, 40%
CMY	0.7216, 0.7098, 0.6039
CMYK	0.30, 0.27, 0.00, 0.60
HSL	234°, 17%, 34%
HSV	234°, 30%, 40%
XYZ	7.3963, 7.1767, 13.3073
YIQ	76.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

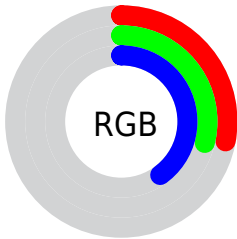
Format	Color
R_{YB}	71, 74, 101
Decimal	4672101
CIE _{Lab}	32.21, 5.68, -16.14
CIE _{LCh}	32, 17.110, 289.395
Yxy	7.1767, 0.2653, 0.2574
Android (android.graphics.Color)	4282862181 (0xFF474A65)
YUV	76.1810, 12.2358, -4.5437
Hunter-Lab	26.7894, 2.4004, -10.6990

Details

The YUV color **76.1810, 12.2358, -4.5437** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95.8190, -12.2358, 4.5437**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4090, 13.1094, -4.7437**, and **31.5400, 11.0728, -4.8586** is the 20% darker color. If you saturate the color by 10%, you get **67.9080, 16.3144, -6.0583**, and if you desaturate by 10%, it is **84.4540, 8.1572, -3.0292**.

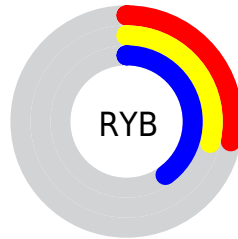
Distribution



Red (28%)

Green (29%)

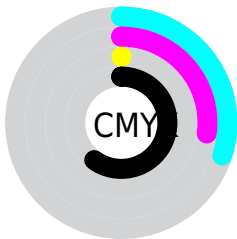
Blue (40%)



Red (28%)

Yellow (29%)

Blue (40%)

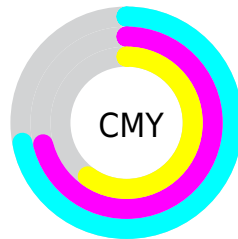


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1810, 12.2358, -4.5437 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 76.1810, 12.2358, -4.5437 by changing the saturation by 10% instead.

■ 76.1810, 12.2358,
-4.5437

■ 76.1810, 12.2358,
-4.5437

■ 255.0000, 0.0000,
0.0000

■ 53.0670, 11.7990,
-4.4438

■ 125.4090, 13.1094,
-4.7437

■ 31.5400, 11.0728,
-4.8586

■ 150.9360, 13.8356,
-4.3289

■ 7.5940, 12.5252,
-4.0289

■ 177.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 205.1640, 14.7091,
-4.5288

■ 0.0000, 0.0000,
0.0000

■ 232.2520, 11.2148,
-3.7290

■ 76.1810, 12.2358,
-4.5437

■ 76.1810, 12.2358,
-4.5437

■ 67.9080, 16.3144,
-6.0583

■ 84.4540, 8.1572,
-3.0292

■ 59.6350, 20.3929,
-7.5729

■ 92.7270, 4.0786,
-1.5146

■ 51.3620, 24.4715,
-9.0875

■ 101.0000, 0.0000,
0.0000

■ 43.0890, 28.5501,
-10.6021

■ 109.2730, -4.0786,
1.5146

■ 34.8160, 32.6287,
-12.1166

■ 117.8450, -8.3046,
3.6439

■ 25.6570, 37.1441,
-13.7312

■ 126.7050,
-12.6726, 4.6437

■ 17.3840, 41.2227,
-15.2458

■ 134.9780,
-16.7512, 6.1583

■ 143.2510,

-20.8297, 7.6729

■ 151.5240,
-24.9083, 9.1875

Harmonies

Analogous

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



72.6630, 14.4631, -18.9985



76.1810, 12.2358, -4.5437



77.4170, 7.6824, 9.2813

Triad

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



76.1810, 12.2358, -4.5437



76.4880, -10.1006, 19.7430



70.1560, -0.0769, -22.0618

Complementary

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



76.1810, 12.2358, -4.5437



95.8190, -12.2358, 4.5437

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.



72.3980, -7.0982, -9.9960



76.1810, 12.2358, -4.5437



75.3470, -12.9891, 12.8507

Square

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



76.1810, 12.2358, -4.5437



77.1770, -5.0173, 22.6468



74.2100, -11.9355, 1.5698



68.4630, 7.6597, -30.2241

Rectangle

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



76.1810, 12.2358, -4.5437



77.8370, 4.0244, 15.9290



74.2100, -11.9355, 1.5698



70.6080, -2.2717, -18.0732

Sweetspot

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



76.1810, 12.2358, -4.5437



120.5420, 4.6628, -2.2293



91.6880, 3.1118, -18.1434



60.3850, 2.7682, -1.2146



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.



76.1810, 12.2358, -4.5437



91.2930, 19.0826, -7.2730



78.0080, 11.3351, 4.3780



46.5700, 2.1840, -0.4999



19.5670, 47.0485, -17.1603



41.6760, 98.7597, -36.5499

Inverse Universe

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



80.3120, -3.1118, 18.1434



97.6230, -4.7441, 28.3946



93.9920, -11.3351, -4.3780



47.4950, -0.7370, 3.0739



35.6390, -12.1470, 69.5996



75.0940, -25.1893, 146.3766

Previews

White Background



This preview shows how the YUV color 76.1810, 12.2358, -4.5437 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 76.1810, 12.2358, -4.5437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

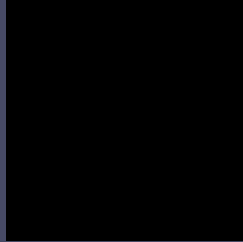
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1810, 12.2358, -4.5437

Background



This preview shows how black text looks on a background with the YUV color 76.1810, 12.2358, -4.5437.



This preview shows how white text looks on a background with the YUV color 76.1810, 12.2358, -4.5437.

-4.5437.

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

76.1810, 12.2358, -4.5437

Protanopia

75.9850, 12.8254, -7.0028

Deuteranopia

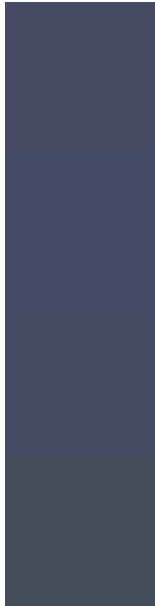
76.1700, 12.2412, -6.2881



Tritanopia

74.6940, 4.0949, -6.7476

Trichromacy



Original Color

76.1810, 12.2358, -4.5437

Protanomaly

76.2840, 12.6780, -6.3881

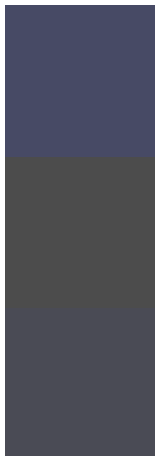
Deuteranomaly

76.4690, 12.0938, -5.6733

Tritanomaly

75.2040, 7.2944, -6.3179

Monochromacy



Original Color

76.1810, 12.2358, -4.5437

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1810, 12.2358, -4.5437 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(71, 74, 101)` looks like.

```
.text, #text, p{  
    color:rgb(71, 74, 101)  
}
```

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(71, 74, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 101) }
```

Border

The CSS property to change the border of an element to YUV 76.1810, 12.2358, -4.5437 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(71, 74, 101) }
```


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

```
.border{ border-color:rgb(71, 74, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 101);  
box-shadow:4px 4px 4px 4px rgb(71, 74,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 76.1810, 12.2358, -4.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 101) }
```

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

```
.background{ background-color: rgb(71, 74,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor