

Converting Colors

YUV(76.0750, 19.6830,
-13.2208)

Have a look what the booklet for
YUV(76.0750, 19.6830, -13.2208)
contains.

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Color

**YUV(76.0750, 19.6830,
-13.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4C74
RGB	61, 76, 116
RGB Percent	24%, 30%, 45%
CMY	0.7608, 0.7020, 0.5451
CMYK	0.47, 0.34, 0.00, 0.55
HSL	224°, 31%, 35%
HSV	224°, 47%, 45%
XYZ	7.6613, 7.4219, 17.5518
YIQ	76.0750, -21.7800, 9.2600

Conversions

Conversions Part 2

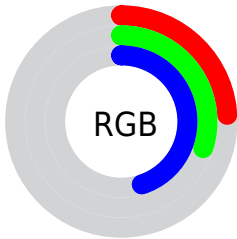
Format	Color
R _Y B	61, 73, 116
Decimal	4017268
CIE Lab	32.75, 5.86, -24.80
CIE LCh	33, 25.481, 283.299
Yxy	7.4219, 0.2348, 0.2274
Android (android.graphics.Color)	4282207348 (0xFF3D4C74)
YUV	76.0750, 19.6830, -13.2208
Hunter-Lab	27.2432, 2.5218, -19.1280

Details

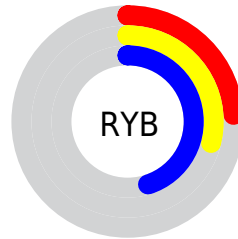
The YUV color **76.0750, 19.6830, -13.2208** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.9250, -19.6830, 13.2208**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7160, 20.8460, -12.9059**, and **28.9280, 19.2625, -18.3539** is the 20% darker color. If you saturate the color by 10%, you get **67.7910, 23.7670, -16.4797**, and if you desaturate by 10%, it is **84.3590, 15.5990, -9.9618**.

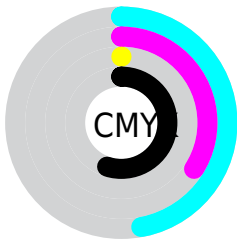
Distribution



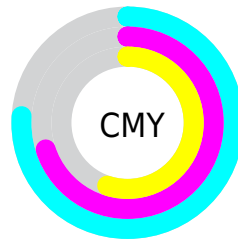
- Red (24%)
- Green (30%)
- Blue (45%)



- Red (24%)
- Yellow (29%)
- Blue (45%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0750, 19.6830, -13.2208 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 76.0750, 19.6830, -13.2208 by changing the saturation by 10% instead.

■ 76.0750, 19.6830,
-13.2208

■ 76.0750, 19.6830,
-13.2208

■ 255.0000, 0.0000,
0.0000

■ 52.2490, 19.1042,
-14.2504

■ 125.7160, 20.8460,
-12.9059

■ 28.9280, 19.2625,
-18.3539

■ 151.6560, 21.8616,
-11.9763

■ 9.8260, 17.3408,
-8.6174

■ 178.7700, 22.2984,
-12.0763

■ 3.3230, 10.1938,
-2.9143

■ 206.4710, 22.4458,
-12.6911

■ 0.0000, 0.0000,
0.0000

■ 231.6210, 11.5258,
-10.1916

■ 253.2060, 0.8844,

-3.6887

■ 76.0750, 19.6830,
-13.2208

■ 76.0750, 19.6830,
-13.2208

■ 67.7910, 23.7670,
-16.4797

■ 84.3590, 15.5990,
-9.9618

■ 59.2190, 27.9930,
-18.6091

■ 92.9310, 11.3730,
-7.8325

■ 50.9350, 32.0770,
-21.8680

■ 101.2150, 7.2890,
-4.5736

■ 42.3630, 36.3030,
-23.9974

■ 109.7870, 3.0630,
-2.4442

■ 34.0790, 40.3871,
-27.2563

■ 118.0710, -1.0210,
0.8147

■ 32.0080, 41.4081,
-28.0710

■ 126.9420, -5.3944,
3.5589

■ 134.9270, -9.3310,
6.2030

■ 143.2110,
-13.4150, 9.4620

■ 151.7830,
-17.6410, 11.5913

Harmonies

Analogous

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



65.7290, 24.2906, -44.4893



76.0750, 19.6830, -13.2208



78.9100, 13.3554, 9.7259

Triad

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



76.0750, 19.6830, -13.2208



77.3430, -13.4801, 30.3942



67.4490, -1.2074, -32.8428

Complementary

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



76.0750, 19.6830, -13.2208



100.9250, -19.6830, 13.2208

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.



72.0080, -12.3289, -12.2850



76.0750, 19.6830, -13.2208



76.1970, -18.8311, 19.9982

Square

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



76.0750, 19.6830, -13.2208



78.0580, -4.4656, 32.3981



74.8100, -18.6403, 5.4286



60.8730, 12.3876, -53.3856

Rectangle

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



76.0750, 19.6830, -13.2208



79.4940, 7.6445, 21.4918



74.8100, -18.6403, 5.4286



69.3530, -5.5970, -24.8656

Sweetspot

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



76.0750, 19.6830, -13.2208



134.9160, 7.4364, -5.1883



97.7310, 1.1186, -32.2131



66.9440, 4.9576, -3.4589



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



76.0750, 19.6830, -13.2208



88.1910, 30.4718, -20.3385



70.8580, 22.2550, 1.8785



54.2710, 2.3314, -1.1147



33.2790, 43.7395, -29.1857



68.4160, 89.5209, -60.0008

Inverse Universe

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



79.1550, -1.5554, 32.3131



93.0370, -2.4832, 49.9566



106.1420, -22.2550, -1.8785



54.9080, -0.4476, 3.5887



40.2400, -3.5693, 71.7035



82.5020, -7.1495, 146.8957

Previews

White Background



This preview shows how the YUV color 76.0750, 19.6830, -13.2208 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 76.0750, 19.6830, -13.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

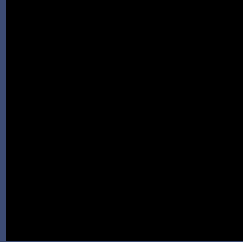
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0750, 19.6830, -13.2208

Background



This preview shows how black text looks on a background with the YUV color 76.0750, 19.6830, -13.2208.

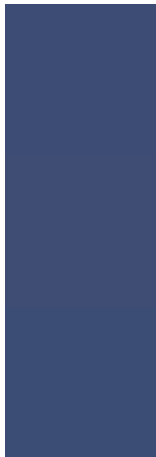


This preview shows how white text looks on a background with the YUV color 76.0750, 19.6830,

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

76.0750, 19.6830, -13.2208

Protanopia

76.6730, 19.3882, -11.9912

Deuteranopia

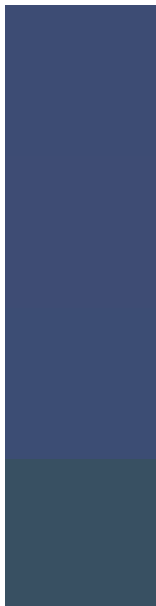
76.0640, 19.6884, -14.9651



Tritanopia

74.0130, 6.8956, -18.4284

Trichromacy



Original Color

76.0750, 19.6830, -13.2208

Protanomaly

76.3740, 19.5356, -12.6060

Deuteranomaly

76.3630, 19.5410, -14.3504

Tritanomaly

74.8760, 11.4001, -16.5543

Monochromacy



Original Color

76.0750, 19.6830, -13.2208

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0750, 19.6830, -13.2208 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(61, 76, 116)` looks like.

```
.text, #text, p{  
    color:rgb(61, 76, 116)  
}
```

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(61, 76, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 76, 116) }
```

Border

The CSS property to change the border of an element to YUV 76.0750, 19.6830, -13.2208 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(61, 76, 116) }
```


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

```
.border{ border-color:rgb(61, 76, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 76, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 76, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 76, 116);  
box-shadow:4px 4px 4px 4px rgb(61, 76,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 76.0750, 19.6830, -13.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 76, 116) }
```

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

```
.background{ background-color: rgb(61, 76,  
116) }
```

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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