

Converting Colors

YUV(74.6190, 17.9358,
-12.8209)

Have a look what the booklet for
YUV(74.6190, 17.9358, -12.8209)
contains.

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Color

**YUV(74.6190, 17.9358,
-12.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4B6F
RGB	60, 75, 111
RGB Percent	24%, 29%, 44%
CMY	0.7647, 0.7059, 0.5647
CMYK	0.46, 0.32, 0.00, 0.56
HSL	222°, 30%, 34%
HSV	222°, 46%, 44%
XYZ	7.2488, 7.1405, 16.0351
YIQ	74.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

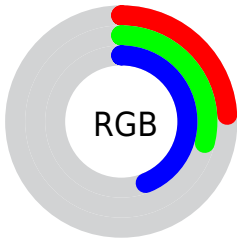
Format	Color
RYB	60, 72, 111
Decimal	3951471
CIELab	32.12, 4.60, -22.64
CIELCh	32, 23.107, 281.492
Yxy	7.1405, 0.2383, 0.2347
Android (android.graphics.Color)	4282141551 (0xFF3C4B6F)
YUV	74.6190, 17.9358, -12.8209
Hunter-Lab	26.7217, 1.6586, -16.8734

Details

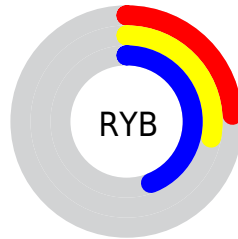
The YUV color **74.6190, 17.9358, -12.8209** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.3810, -17.9358, 12.8209**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2600, 19.0988, -12.5060**, and **28.6570, 16.9311, -17.2392** is the 20% darker color. If you saturate the color by 10%, you get **66.6340, 21.8724, -15.4650**, and if you desaturate by 10%, it is **82.6040, 13.9992, -10.1767**.

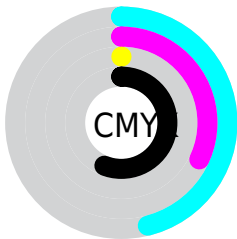
Distribution



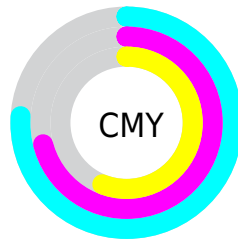
- Red (24%)
- Green (29%)
- Blue (44%)



- Red (24%)
- Yellow (28%)
- Blue (44%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6190, 17.9358, -12.8209 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 74.6190, 17.9358, -12.8209 by changing the saturation by 10% instead.

■ 74.6190, 17.9358,
-12.8209

■ 74.6190, 17.9358,
-12.8209

■ 255.0000, 0.0000,
0.0000

■ 51.6790, 16.9203,
-13.7505

■ 124.2600, 19.0988,
-12.5060

■ 28.6570, 16.9311,
-17.2392

■ 149.7870, 19.8250,
-12.0912

■ 8.7830, 15.8830,
-7.7027

■ 176.9010, 20.2618,
-12.1912

■ 2.7530, 8.0098,
-2.4144

■ 204.0150, 20.6986,
-12.2912

■ 0.0000, 0.0000,
0.0000

■ 229.8490, 12.3994,
-10.3916

■ 252.6080, 1.1793,

-4.9182

■ 74.6190, 17.9358,
-12.8209

■ 74.6190, 17.9358,
-12.8209

■ 66.6340, 21.8724,
-15.4650

■ 82.6040, 13.9992,
-10.1767

■ 58.6490, 25.8090,
-18.1092

■ 90.5890, 10.0626,
-7.5326

■ 50.6640, 29.7456,
-20.7533

■ 98.5740, 6.1260,
-4.8884

■ 43.2660, 33.3929,
-23.9123

■ 105.9720, 2.4788,
-1.7294

■ 34.9820, 37.4769,
-27.1712

■ 114.2560, -1.6052,
1.5295

■ 32.0250, 38.9347,
-28.0859

■ 122.2410, -5.5418,
4.1736

■ 130.2260, -9.4784,
6.8178

■ 138.2110,
-13.4150, 9.4620

■ 146.1960,
-17.3516, 12.1061

Harmonies

Analogous

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



67.2630, 21.0693, -37.9417



74.6190, 17.9358, -12.8209



77.3720, 12.6346, 7.5668

Triad

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



74.6190, 17.9358, -12.8209



76.3750, -12.0169, 27.7351



67.5530, -2.2446, -26.7950

Complementary

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



74.6190, 17.9358, -12.8209



96.3810, -17.9358, 12.8209

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.



70.9590, -11.3188, -9.6110



74.6190, 17.9358, -12.8209



75.3540, -16.9365, 18.9835

Square

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



74.6190, 17.9358, -12.8209



76.8620, -3.8760, 29.9390



73.5650, -17.0405, 5.6435



59.2430, 11.2192, -51.9561

Rectangle

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



74.6190, 17.9358, -12.8209



77.7710, 7.5079, 18.6178



73.5650, -17.0405, 5.6435



69.3750, -5.6079, -21.3769

Sweetspot

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



74.6190, 17.9358, -12.8209



130.8020, 6.9996, -5.0884



94.0410, 0.9658, -29.8540



64.8300, 4.5208, -3.3589



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



74.6190, 17.9358, -12.8209



88.2080, 27.9985, -20.3534



68.8040, 20.8026, 1.0489



51.8580, 2.0420, -1.6295



34.2250, 42.2871, -30.0153



71.0090, 86.7636, -62.2749

Inverse Universe

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



76.9590, -0.9658, 29.8540



91.6560, -1.3094, 46.7827



102.1960, -20.8026, -1.0489



52.0220, -0.0108, 3.4887



39.8700, -2.4009, 70.2740



82.1750, -4.5233, 144.5515

Previews

White Background



This preview shows how the YUV color 74.6190, 17.9358, -12.8209 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 74.6190, 17.9358, -12.8209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

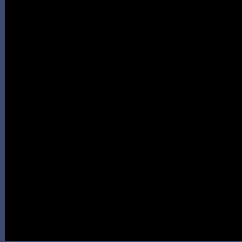
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6190, 17.9358, -12.8209

Background



This preview shows how black text looks on a background with the YUV color 74.6190, 17.9358, -12.8209.



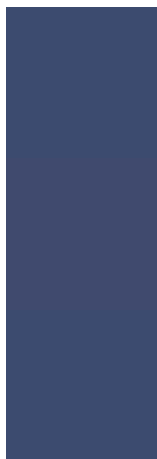
This preview shows how white text looks on a background with the YUV color 74.6190, 17.9358,

-12.8209.

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

74.6190, 17.9358, -12.8209

Protanopia

75.1140, 17.1988, -9.7470

Deuteranopia

74.6190, 17.9358, -12.8209



Tritanopia

72.6110, 6.6008, -17.1988

Trichromacy



Original Color

74.6190, 17.9358, -12.8209

Protanomaly

74.8150, 17.3462, -10.3618

Deuteranomaly

74.6190, 17.9358, -12.8209

Tritanomaly

73.3600, 10.6685, -15.2247

Monochromacy



Original Color

74.6190, 17.9358, -12.8209

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6190, 17.9358, -12.8209 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(60, 75, 111)` looks like.

```
.text, #text, p{  
    color:rgb(60, 75, 111)  
}
```

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(60, 75, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 75, 111) }
```

Border

The CSS property to change the border of an element to YUV 74.6190, 17.9358, -12.8209 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(60, 75, 111) }
```


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

```
.border{ border-color:rgb(60, 75, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 75, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 75, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 75, 111);  
box-shadow:4px 4px 4px 4px rgb(60, 75,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 74.6190, 17.9358, -12.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 75, 111) }
```

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

```
.background{ background-color: rgb(60, 75,  
111) }
```

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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