

Converting Colors

YUV(74.2640, 23.0408,
-16.8945)

Have a look what the booklet for
YUV(74.2640, 23.0408, -16.8945)
contains.

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Color

**YUV(74.2640, 23.0408,
-16.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	374B79
RGB	55, 75, 121
RGB Percent	22%, 29%, 47%
CMY	0.7843, 0.7059, 0.5255
CMYK	0.55, 0.38, 0.00, 0.53
HSL	222°, 37%, 35%
HSV	222°, 55%, 47%
XYZ	7.5428, 7.2249, 19.0861
YIQ	74.2640, -26.6860, 10.0660

Conversions

Conversions Part 2

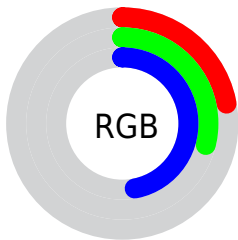
Format	Color
RYB	55, 70, 121
Decimal	3623801
CIELab	32.31, 6.62, -28.63
CIElCh	32, 29.387, 283.017
Yxy	7.2249, 0.2228, 0.2134
Android (android.graphics.Color)	4281813881 (0xFF374B79)
YUV	74.2640, 23.0408, -16.8945
Hunter-Lab	26.8791, 3.0523, -23.2849

Details

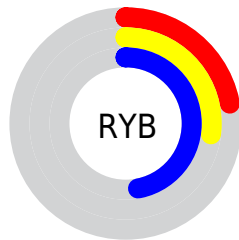
The YUV color **74.2640, 23.0408, -16.8945** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.7360, -23.0408, 16.8945**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7310, 24.7826, -15.5501**, and **26.9920, 22.1889, -23.6720** is the 20% darker color. If you saturate the color by 10%, you get **65.9800, 27.1249, -20.1535**, and if you desaturate by 10%, it is **82.5480, 18.9568, -13.6356**.

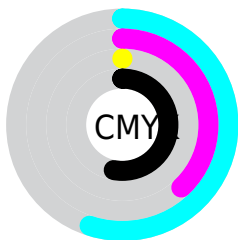
Distribution



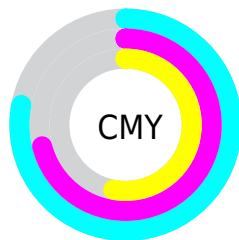
- Red (22%)
- Green (29%)
- Blue (47%)



- Red (22%)
- Yellow (27%)
- Blue (47%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.2640, 23.0408, -16.8945 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 74.2640, 23.0408, -16.8945 by changing the saturation by 10% instead.

■ 74.2640, 23.0408,
-16.8945

■ 74.2640, 23.0408,
-16.8945

■ 255.0000, 0.0000,
0.0000

■ 50.4270, 22.4675,
-19.6685

■ 123.7310, 24.7826,
-15.5501

■ 26.9920, 22.1889,
-23.6720

■ 150.1440, 25.0720,
-15.0353

■ 9.6950, 19.3774,
-8.5025

■ 177.2580, 25.5088,
-15.1353

■ 3.7790, 11.9410,
-3.3142

■ 204.4430, 24.9246,
-14.4205

■ 0.0000, 0.0000,
0.0000

■ 229.2510, 12.6943,
-11.6211

■ 252.0100, 1.4741,

-6.1478

■ 74.2640, 23.0408,
-16.8945

■ 74.2640, 23.0408,
-16.8945

■ 65.9800, 27.1249,
-20.1535

■ 82.5480, 18.9568,
-13.6356

■ 57.1090, 31.4983,
-22.8976

■ 91.4190, 14.5834,
-10.8915

■ 48.8250, 35.5823,
-26.1565

■ 99.7030, 10.4994,
-7.6325

■ 39.9540, 39.9557,
-28.9007

■ 108.5740, 6.1260,
-4.8884

■ 35.5130, 42.1451,
-31.1449

■ 116.8580, 2.0420,
-1.6295

■ 126.0280, -2.4788,
1.7294

■ 134.3120, -6.5628,
4.9884

■ 142.5960,
-10.6468, 8.2473

■ 151.4670,
-15.0202, 10.9914

Harmonies

Analogous

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



61.8140, 28.6857, -54.2109



74.2640, 23.0408, -16.8945



78.4910, 15.5339, 10.9704

Triad

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



74.2640, 23.0408, -16.8945



76.0230, -14.8013, 34.1828



62.6220, -0.3066, -41.7645

Complementary

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



74.2640, 23.0408, -16.8945



101.7360, -23.0408, 16.8945

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.



70.1280, -14.3601, -14.1443



74.2640, 23.0408, -16.8945



74.5240, -21.4573, 22.3425

Square

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



74.2640, 23.0408, -16.8945



76.0910, -4.4819, 37.6312



73.0120, -21.6979, 6.1285



61.4600, 12.0982, -53.9004

Rectangle

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



74.2640, 23.0408, -16.8945



77.9720, 9.3808, 24.5806



73.0120, -21.6979, 6.1285



66.2060, -6.0176, -29.9987

Sweetspot

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



74.2640, 23.0408, -16.8945



139.9590, 8.8942, -6.1030



98.8720, 0.5561, -38.4757



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.



74.2640, 23.0408, -16.8945



84.9390, 36.0191, -26.2565



66.1120, 27.0598, 0.7788



56.8580, 2.0420, -1.6295



36.5560, 43.6029, -32.0596



73.9270, 87.7900, -64.8340

Inverse Universe

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



77.0140, -0.9929, 38.5757



89.3310, -1.6422, 60.2227



109.8880, -27.0598, -0.7788



57.0220, -0.0108, 3.4887



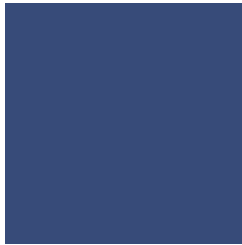
41.7070, -1.8276, 73.0480



84.0120, -3.9499, 147.3255

Previews

White Background



This preview shows how the YUV color 74.2640, 23.0408, -16.8945 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 74.2640, 23.0408, -16.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

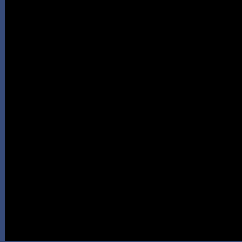
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.2640, 23.0408, -16.8945

Background



This preview shows how black text looks on a background with the YUV color 74.2640, 23.0408, -16.8945.



This preview shows how white text looks on a background with the YUV color 74.2640, 23.0408,

-16.8945.

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

74.2640, 23.0408, -16.8945

Protanopia

74.4600, 22.4512, -14.4354

Deuteranopia

73.3560, 23.4885, -20.4832



Tritanopia

71.0230, 8.3697, -24.5762

Trichromacy



Original Color

74.2640, 23.0408, -16.8945

Protanomaly

74.1610, 22.5986, -15.0502

Deuteranomaly

73.9540, 23.1937, -19.2537

Tritanomaly

71.8260, 13.8898, -21.7724

Monochromacy



Original Color

74.2640, 23.0408, -16.8945

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2640, 23.0408, -16.8945 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(55, 75, 121)` looks like.

```
.text, #text, p{  
    color:rgb(55, 75, 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(55, 75, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 75, 121) }
```

Border

The CSS property to change the border of an element to YUV 74.2640, 23.0408, -16.8945 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(55, 75, 121) }
```


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

```
.border{ border-color:rgb(55, 75, 121) }
```

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

Here you see how a box with a 4 pixel rgb(55, 75, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 75, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 75, 121);  
box-shadow:4px 4px 4px 4px rgb(55, 75,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 74.2640, 23.0408, -16.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 75, 121) }
```

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

```
.background{ background-color: rgb(55, 75,  
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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