

Converting Colors

YUV(84.2390, 17.6302, -8.1026)

Have a look what the booklet for
YUV(84.2390, 17.6302, -8.1026)
contains.

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Color

**YUV(84.2390, 17.6302,
-8.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5278
RGB	75, 82, 120
RGB Percent	29%, 32%, 47%
CMY	0.7059, 0.6784, 0.5294
CMYK	0.37, 0.32, 0.00, 0.53
HSL	231°, 23%, 38%
HSV	231°, 37%, 47%
XYZ	9.3091, 8.8865, 18.9939
YIQ	84.2390, -16.3700, 10.3340

Conversions

Conversions Part 2

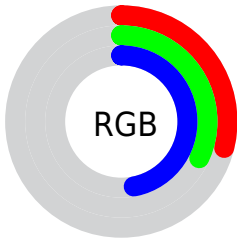
Format	Color
R_{YB}	75, 81, 120
Decimal	4936312
CIE Lab	35.76, 7.35, -22.50
CIE LCh	36, 23.671, 288.095
Yxy	8.8865, 0.2503, 0.2390
Android (android.graphics.Color)	4283126392 (0xFF4B5278)
YUV	84.2390, 17.6302, -8.1026
Hunter-Lab	29.8102, 3.5738, -16.9101

Details

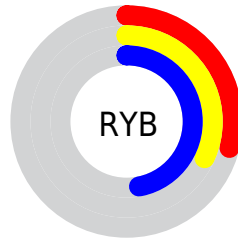
The YUV color **84.2390, 17.6302, -8.1026** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.7610, -17.6302, 8.1026**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8800, 18.7932, -7.7878**, and **38.4730, 16.0358, -10.0618** is the 20% darker color. If you saturate the color by 10%, you get **74.7810, 22.2930, -10.3319**, and if you desaturate by 10%, it is **93.6970, 12.9674, -5.8733**.

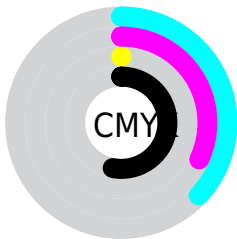
Distribution



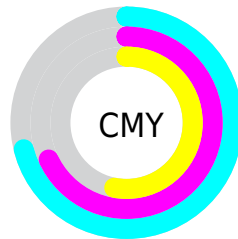
- Red (29%)
- Green (32%)
- Blue (47%)



- Red (29%)
- Yellow (32%)
- Blue (47%)



- Cyan (37%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2390, 17.6302, -8.1026 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 84.2390, 17.6302, -8.1026 by changing the saturation by 10% instead.

■ 84.2390, 17.6302,
-8.1026

■ 84.2390, 17.6302,
-8.1026

■ 255.0000, 0.0000,
0.0000

■ 60.7120, 16.9040,
-8.5174

■ 133.8800, 18.7932,
-7.7878

■ 38.4730, 16.0358,
-10.0618

■ 160.4070, 19.5193,
-7.3729

■ 16.4620, 16.0412,
-11.8062

■ 187.5210, 19.9561,
-7.4729

■ 3.6650, 11.5042,
-3.2142

■ 215.4070, 19.5193,
-7.3729

■ 0.0000, 0.0000,
0.0000

■ 240.2150, 7.2890,
-4.5736

■ 84.2390, 17.6302,
-8.1026

■ 84.2390, 17.6302,
-8.1026

■ 74.7810, 22.2930,
-10.3319

■ 93.6970, 12.9674,
-5.8733

■ 65.3230, 26.9558,
-12.5613

■ 103.1550, 8.3046,
-3.6439

■ 55.8650, 31.6186,
-14.7906

■ 112.6130, 3.6418,
-1.4146

■ 45.8200, 36.5707,
-16.5051

■ 122.6580, -1.3104,
0.2999

■ 36.3620, 41.2335,
-18.7345

■ 132.1160, -5.9732,
2.5293

■ 26.9040, 45.8963,
-20.9638

■ 141.5740,
-10.6360, 4.7586

■ 24.8330, 46.9173,
-21.7785

■ 151.0320,
-15.2988, 6.9879

■ 160.4900,

-19.9616, 9.2173

■ 169.9480,
-24.6244, 11.4466

Harmonies

Analogous

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



78.0080, 21.1951, -31.5790



84.2390, 17.6302, -8.1026



86.4650, 11.6028, 11.8702

Triad

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



84.2390, 17.6302, -8.1026



84.6200, -13.6167, 27.5203



75.2040, 0.3924, -32.6279

Complementary

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



84.2390, 17.6302, -8.1026



110.7610, -17.6302, 8.1026

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.



78.8660, -10.2869, -13.9145



84.2390, 17.6302, -8.1026



83.1150, -17.8047, 17.4391

Square

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



84.2390, 17.6302, -8.1026



85.5910, -6.2074, 31.0537



81.8420, -17.1771, 2.7696



67.2040, 13.7034, -55.4299

Rectangle

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



84.2390, 17.6302, -8.1026



86.4510, 6.1867, 22.4065



81.8420, -17.1771, 2.7696



76.5100, -3.7024, -25.8803

Sweetspot

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



84.2390, 17.6302, -8.1026



141.8130, 6.9942, -3.3440



105.6330, 3.1389, -26.8651



70.7270, 4.0786, -1.5146



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.



84.2390, 17.6302, -8.1026



99.8500, 27.6820, -12.1464



84.6150, 17.4448, 4.7226



56.2710, 2.3314, -1.1147



25.4030, 49.1013, -22.2784



51.6210, 98.7868, -45.2716

Inverse Universe

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



89.2530, -3.5757, 26.9651



108.0700, -5.9505, 42.0346



110.3850, -17.4448, -4.7226



56.9080, -0.4476, 3.5887



39.5410, -10.1267, 74.9475



79.7940, -20.1114, 151.0247

Previews

White Background



This preview shows how the YUV color 84.2390, 17.6302, -8.1026 looks on a white background.

Color Contrast Check

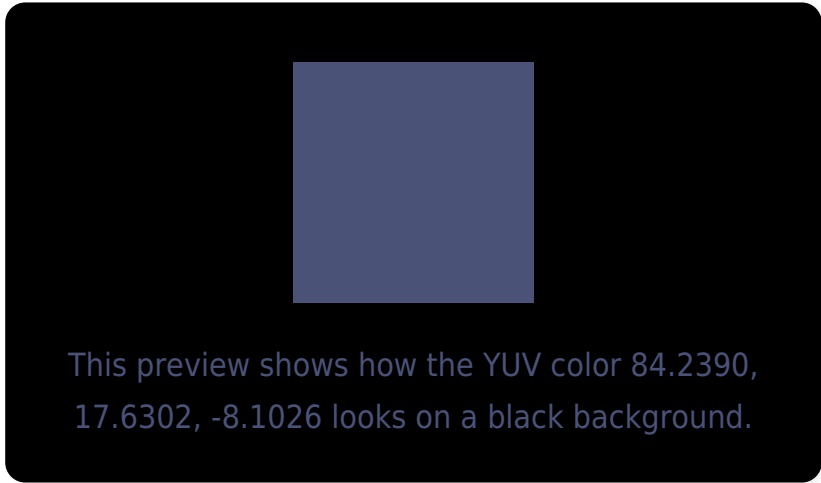
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 84.2390, 17.6302, -8.1026

Background



This preview shows how black text looks on a background with the YUV color 84.2390, 17.6302, -8.1026.



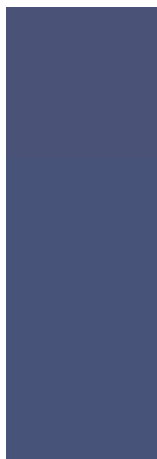
This preview shows how white text looks on a background with the YUV color 84.2390, 17.6302,

-8.1026.

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

84.2390, 17.6302, -8.1026

Protanopia

84.0430, 18.2198, -10.5617

Deuteranopia

83.6300, 17.9304, -11.0765



Tritanopia

82.4160, 5.7109, -11.7658

Trichromacy



Original Color

84.2390, 17.6302, -8.1026

Protanomaly

84.3420, 18.0724, -9.9469

Deuteranomaly

83.9290, 17.7830, -10.4617

Tritanomaly

82.8660, 9.9261, -10.4065

Monochromacy



Original Color

84.2390, 17.6302, -8.1026

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2390, 17.6302, -8.1026 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(75, 82, 120)` looks like.

```
.text, #text, p{  
    color:rgb(75, 82, 120)  
}
```

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(75, 82, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 82, 120) }
```

Border

The CSS property to change the border of an element to YUV 84.2390, 17.6302, -8.1026 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(75, 82, 120) }
```


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

```
.border{ border-color:rgb(75, 82, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 82, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 82, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 82, 120);  
box-shadow:4px 4px 4px 4px rgb(75, 82,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 84.2390, 17.6302, -8.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 82, 120) }
```

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

```
.background{ background-color: rgb(75, 82,  
120) }
```

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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