

Converting Colors

YUV(71.8510, 22.7515,
-17.4093)

Have a look what the booklet for
YUV(71.8510, 22.7515, -17.4093)
contains.

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Color

**YUV(71.8510, 22.7515,
-17.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	344976
RGB	52, 73, 118
RGB Percent	20%, 29%, 46%
CMY	0.7961, 0.7137, 0.5373
CMYK	0.56, 0.38, 0.00, 0.54
HSL	221°, 39%, 33%
HSV	221°, 56%, 46%
XYZ	7.0687, 6.8032, 18.0801
YIQ	71.8510, -26.9610, 9.5430

Conversions

Conversions Part 2

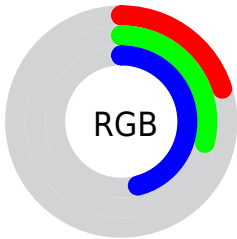
Format	Color
R_{YB}	52, 68, 118
Decimal	3426678
CIE _{Lab}	31.35, 6.15, -28.28
CIE _{LCh}	31, 28.944, 282.273
Yxy	6.8032, 0.2212, 0.2129
Android (android.graphics.Color)	4281616758 (0xFF344976)
YUV	71.8510, 22.7515, -17.4093
Hunter-Lab	26.0829, 2.7304, -22.8406

Details

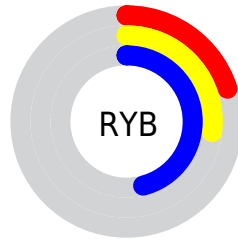
The YUV color **71.8510, 22.7515, -17.4093** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **98.1490, -22.7515, 17.4093**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2040, 24.0564, -15.9649**, and **25.4760, 21.4573, -22.3425** is the 20% darker color. If you saturate the color by 10%, you get **63.5670, 26.8355, -20.6683**, and if you desaturate by 10%, it is **80.1350, 18.6674, -14.1504**.

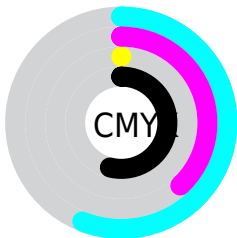
Distribution



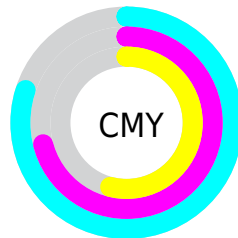
- Red (20%)
- Green (29%)
- Blue (46%)



- Red (20%)
- Yellow (27%)
- Blue (46%)



- Cyan (56%)
- Magenta (38%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8510, 22.7515, -17.4093 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 71.8510, 22.7515, -17.4093 by changing the saturation by 10% instead.

■ 71.8510, 22.7515,
-17.4093

■ 71.8510, 22.7515,
-17.4093

■ 255.0000, 0.0000,
0.0000

■ 48.0140, 22.1781,
-20.1833

■ 121.2040, 24.0564,
-15.9649

■ 25.4760, 21.4573,
-22.3425

■ 147.7310, 24.7826,
-15.5501

■ 7.7060, 19.3719,
-6.7582

■ 174.2580, 25.5088,
-15.1353

■ 3.4370, 10.6306,
-3.0142

■ 202.0730, 26.0930,
-15.8500

■ 0.0000, 0.0000,
0.0000

■ 227.1800, 13.7153,
-12.4359

■ 250.8140, 2.0637,

-8.6069

■ 71.8510, 22.7515,
-17.4093

■ 71.8510, 22.7515,
-17.4093

■ 63.5670, 26.8355,
-20.6683

■ 80.1350, 18.6674,
-14.1504

■ 55.2830, 30.9195,
-23.9272

■ 88.4190, 14.5834,
-10.8915

■ 47.2980, 34.8561,
-26.5713

■ 96.4040, 10.6468,
-8.2473

■ 39.0140, 38.9401,
-29.8303

■ 104.6880, 6.5628,
-4.9884

■ 35.7580, 40.5453,
-31.3598

■ 112.9720, 2.4788,
-1.7294

■ 121.2560, -1.6052,
1.5295

■ 129.5400, -5.6892,
4.7884

■ 137.5250, -9.6258,
7.4326

■ 145.8090,
-13.7098, 10.6915

Harmonies

Analogous

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



60.2980, 27.9541, -52.8813



71.8510, 22.7515, -17.4093



76.0780, 15.2445, 10.4556

Triad

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



71.8510, 22.7515, -17.4093



73.1370, -14.3645, 34.0829



60.5190, -0.7489, -39.9202

Complementary

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



71.8510, 22.7515, -17.4093



98.1490, -22.7515, 17.4093

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.



67.8400, -14.2181, -13.0147



71.8510, 22.7515, -17.4093



72.6380, -21.0205, 22.2425

Square

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



71.8510, 22.7515, -17.4093



74.3790, -4.6238, 36.5016



71.0120, -21.6979, 6.1285



59.3570, 11.6560, -52.0561

Rectangle

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



71.8510, 22.7515, -17.4093



76.2600, 9.2388, 23.4510



71.0120, -21.6979, 6.1285



63.9180, -5.8756, -28.8691

Sweetspot

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



71.8510, 22.7515, -17.4093



134.6600, 9.0416, -6.7178



95.7580, 0.1193, -38.3758



65.7590, 5.5418, -4.1736



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.



71.8510, 22.7515, -17.4093



81.1130, 35.4403, -27.2861



62.8130, 27.2072, 0.1640



54.8580, 2.0420, -1.6295



36.8010, 42.0031, -32.2745



75.4600, 86.0482, -66.1784

Inverse Universe

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



74.1280, -0.5561, 38.4757



84.5590, -0.7686, 60.0228



107.1870, -27.2072, -0.1640



55.0220, -0.0108, 3.4887



40.9240, -0.9485, 71.1037



83.8700, -1.9079, 145.6960

Previews

White Background



This preview shows how the YUV color 71.8510, 22.7515, -17.4093 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 71.8510, 22.7515, -17.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

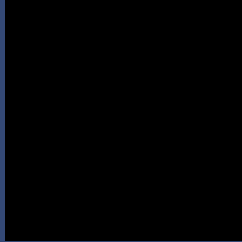
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8510, 22.7515, -17.4093

Background



This preview shows how black text looks on a background with the YUV color 71.8510, 22.7515, -17.4093.



This preview shows how white text looks on a background with the YUV color 71.8510, 22.7515,

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

71.8510, 22.7515, -17.4093

Protanopia

72.3460, 22.0144, -14.3354

Deuteranopia

71.2420, 23.0517, -20.3832



Tritanopia

68.7240, 8.5171, -25.1909

Trichromacy



Original Color

71.8510, 22.7515, -17.4093

Protanomaly

72.0470, 22.1618, -14.9502

Deuteranomaly

71.5410, 22.9043, -19.7685

Tritanomaly

69.5270, 14.0372, -22.3872

Monochromacy



Original Color

71.8510, 22.7515, -17.4093

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8510, 22.7515, -17.4093 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(52, 73, 118)` looks like.

```
.text, #text, p{  
    color:rgb(52, 73, 118)  
}
```

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(52, 73, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 73, 118) }
```

Border

The CSS property to change the border of an element to YUV 71.8510, 22.7515, -17.4093 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(52, 73, 118) }
```


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

```
.border{ border-color:rgb(52, 73, 118) }
```

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

Here you see how a box with a 4 pixel rgb(52, 73, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 73, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 73, 118);  
box-shadow:4px 4px 4px 4px rgb(52, 73,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 71.8510, 22.7515, -17.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 73, 118) }
```

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

```
.background{ background-color: rgb(52, 73,  
118) }
```

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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