

Converting Colors

YUV(117.8520, 24.2300,
-71.7842)

Have a look what the booklet for
YUV(117.8520, 24.2300, -71.7842)
contains.

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Color

**YUV(117.8520, 24.2300,
-71.7842)**

Conversions

Conversions Part 1

Format	Color
Hex	2496A7
RGB	36, 150, 167
RGB Percent	14%, 59%, 65%
CMY	0.8588, 0.4118, 0.3451
CMYK	0.78, 0.10, 0.00, 0.35
HSL	188°, 65%, 40%
HSV	188°, 78%, 65%
XYZ	18.6090, 24.9778, 40.3996
YIQ	117.8520, -73.4010, -18.8810

Conversions

Conversions Part 2

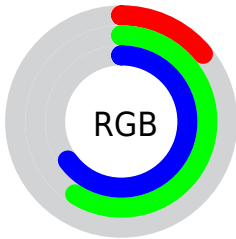
Format	Color
RYB	36, 97, 167
Decimal	2397863
CIELab	57.05, -24.55, -17.76
CIElCh	57, 30.303, 215.880
Yxy	24.9778, 0.2216, 0.2974
Android (android.graphics.Color)	4280587943 (0xFF2496A7)
YUV	117.8520, 24.2300, -71.7842
Hunter-Lab	49.9778, -20.9976, -12.9427

Details

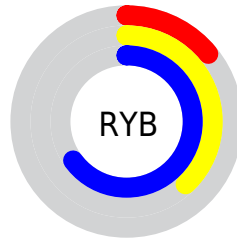
The YUV color **117.8520, 24.2300, -71.7842** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.1480, -24.2300, 71.7842**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1520, 22.6031, -63.2773**, and **71.2230, 21.5821, -62.4626** is the 20% darker color. If you saturate the color by 10%, you get **111.5950, 27.3147, -81.2058**, and if you desaturate by 10%, it is **124.1090, 21.1453, -62.3626**.

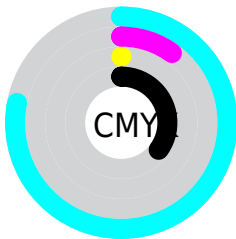
Distribution



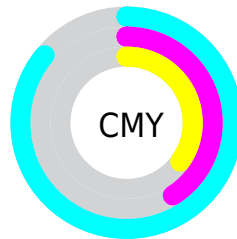
- Red (14%)
- Green (59%)
- Blue (65%)



- Red (14%)
- Yellow (38%)
- Blue (65%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8520, 24.2300, -71.7842 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 117.8520, 24.2300, -71.7842 by changing the saturation by 10% instead.

117.8520, 24.2300,
-71.7842

117.8520, 24.2300,
-71.7842

255.0000, 0.0000,
0.0000

88.8620, 25.7040,
-77.9320

176.1520, 22.6031,
-63.2773

71.2230, 21.5821,
-62.4626

205.4510, 22.4557,
-62.6625

54.2850, 17.6075,
-47.6079

227.4920, 13.5614,
-56.5595

37.5750, 14.5065,
-32.9533

236.1630, 9.2866,
-38.7310

23.9140, 10.3954,
-20.9726

245.1330, 4.8644,
-20.2876

3.3230, 10.1938,
-2.9143

254.1030, 0.4422,

0.0000, 0.0000,

-1.8443

0.0000

■ 117.8520, 24.2300,
-71.7842

■ 117.8520, 24.2300,
-71.7842

■ 111.5950, 27.3147,
-81.2058

■ 124.1090, 21.1453,
-62.3626

■ 105.6370, 30.2520,
-90.0126

■ 130.0670, 18.2080,
-53.5558

■ 104.1530, 30.9836,
-91.3422

■ 136.9110, 14.8339,
-44.6489

■ 143.1680, 11.7492,
-35.2273

■ 149.1260, 8.8119,
-26.4205

■ 155.3830, 5.7272,
-16.9989

■ 161.6400, 2.6425,
-7.5773

■ 167.8970, -0.4422,
1.8443

■ 174.4420, -3.6689,
10.1364

Harmonies

Analogous

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



121.4550, 9.6357, -57.4040



117.8520, 24.2300, -71.7842



125.6400, 29.2645, -53.1813

Triad

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



117.8520, 24.2300, -71.7842



140.8910, 8.9277, 29.9136



134.8450, -25.0666, 13.2909

Complementary

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



117.8520, 24.2300, -71.7842



85.1480, -24.2300, 71.7842

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.



137.0090, -23.6684, 31.5641



117.8520, 24.2300, -71.7842



140.0530, -3.4771, 42.0495

Square

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



117.8520, 24.2300, -71.7842



139.6090, 19.9128, 6.4819



138.2520, -15.4072, 41.8750



131.8960, -19.1757, -9.5558

Rectangle

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



117.8520, 24.2300, -71.7842



132.4190, 27.8944, -33.6935



138.2520, -15.4072, 41.8750



135.4760, -25.3777, 19.7535

Sweetspot

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



117.8520, 24.2300, -71.7842



197.3430, 9.6909, -28.3648



114.6070, -31.3583, -68.9383



98.0840, 5.8746, -17.6137



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



117.8520, 24.2300, -71.7842



140.1550, 37.8846, -111.5149



80.2840, 42.7510, -38.8371



81.0210, 1.4686, -4.4034



92.5950, 27.3147, -81.2058



12.8460, 3.5269, -11.2659

Inverse Universe

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



88.1650, 30.4847, 69.1383



94.1740, 47.2422, 107.7184



122.7160, -42.7510, 38.8371



79.1900, 1.8783, 4.2184



58.9580, 34.5307, 78.0898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 117.8520, 24.2300, -71.7842 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.8520, 24.2300, -71.7842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

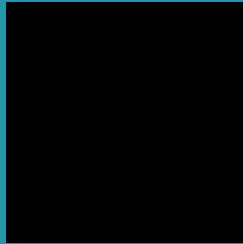
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8520, 24.2300, -71.7842 Background



This preview shows how black text looks on a background with the YUV color 117.8520, 24.2300, -71.7842.

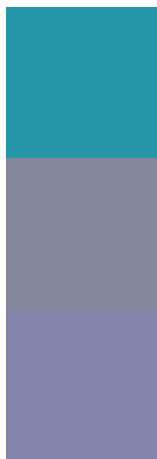


This preview shows how white text looks on a background with the YUV color 117.8520, 24.2300, -71.7842.

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

117.8520, 24.2300, -71.7842

Protanopia

136.6110, 10.0518, -4.0438

Deuteranopia

136.7340, 16.8931, -5.0287



Tritanopia

116.7870, 22.7830, -74.3582

Trichromacy



Original Color

117.8520, 24.2300, -71.7842

Protanomaly

129.5370, 15.5113, -28.5349

Deuteranomaly

129.6770, 19.8792, -29.5347

Tritanomaly

117.2000, 23.0724, -73.8434

Monochromacy



Original Color

117.8520, 24.2300, -71.7842

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1260, 8.8119, -26.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8520, 24.2300, -71.7842 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(36, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(36, 150, 167)  
}
```

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(36, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 150, 167) }
```

Border

The CSS property to change the border of an element to YUV 117.8520, 24.2300, -71.7842 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(36, 150, 167) }
```


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

```
.border{ border-color:rgb(36, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(36, 150,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 117.8520, 24.2300, -71.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 150, 167) }
```

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

```
.background{ background-color: rgb(36, 150,  
167) }
```

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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