

Converting Colors

YUV(114.2420, 26.0097,
-82.6502)

Have a look what the booklet for
YUV(114.2420, 26.0097, -82.6502)
contains.

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Color

**YUV(114.2420, 26.0097,
-82.6502)**

Conversions

Conversions Part 1

Format	Color
Hex	1498A7
RGB	20, 152, 167
RGB Percent	8%, 60%, 65%
CMY	0.9216, 0.4039, 0.3451
CMYK	0.88, 0.09, 0.00, 0.35
HSL	186°, 79%, 37%
HSV	186°, 88%, 65%
XYZ	18.4918, 25.3952, 40.4864
YIQ	114.2420, -83.4870, -23.3190

Conversions

Conversions Part 2

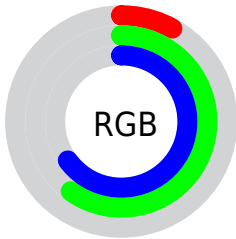
Format	Color
R_{YB}	20, 90, 167
Decimal	1349799
CIE _{Lab}	57.46, -26.91, -17.17
CIE _{LCh}	57, 31.917, 212.535
Yxy	25.3952, 0.2192, 0.3010
Android (android.graphics.Color)	4279539879 (0xFF1498A7)
YUV	114.2420, 26.0097, -82.6502
Hunter-Lab	50.3937, -22.6890, -12.3581

Details

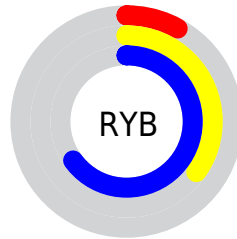
The YUV color **114.2420, 26.0097, -82.6502** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **72.7580, -26.0097, 82.6502**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8200, 22.7667, -69.1251**, and **72.3970, 21.0033, -63.4922** is the 20% darker color. If you saturate the color by 10%, you get **107.9850, 29.0944, -92.0718**, and if you desaturate by 10%, it is **120.4990, 22.9250, -73.2286**.

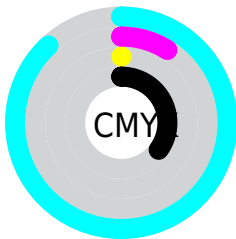
Distribution



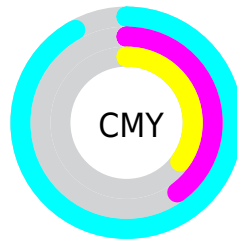
- Red (8%)
- Green (60%)
- Blue (65%)



- Red (8%)
- Yellow (35%)
- Blue (65%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (92%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2420, 26.0097, -82.6502 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 114.2420, 26.0097, -82.6502 by changing the saturation by 10% instead.

■ 114.2420, 26.0097,
-82.6502

■ 114.2420, 26.0097,
-82.6502

■ 255.0000, 0.0000,
0.0000

■ 90.0360, 25.1253,
-78.9616

■ 175.8200, 22.7667,
-69.1251

■ 72.3970, 21.0033,
-63.4922

■ 204.8310, 22.7613,
-67.3808

■ 54.8720, 17.3181,
-48.1227

■ 225.9970, 14.2985,
-59.6334

■ 38.7490, 13.9277,
-33.9829

■ 234.6680, 10.0237,
-41.8048

■ 24.5010, 10.1060,
-21.4874

■ 243.6380, 5.6015,
-23.3615

■ 3.4370, 10.6306,
-3.0142

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 114.2420, 26.0097,
-82.6502

■ 114.2420, 26.0097,
-82.6502

■ 107.9850, 29.0944,
-92.0718

■ 120.4990, 22.9250,
-73.2286

■ 107.0880, 29.5366,
-93.9162

■ 125.8700, 20.2771,
-63.9070

■ 132.1270, 17.1924,
-54.4854

■ 138.3840, 14.1077,
-45.0638

■ 144.3420, 11.1704,
-36.2569

■ 150.0120, 8.3751,
-26.3205

■ 156.2690, 5.2904,
-16.8989

■ 162.5260, 2.2057,
-7.4773

■ 167.8970, -0.4422,
1.8443

Harmonies

Analogous

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



121.5040, 8.6255, -60.0780



114.2420, 26.0097, -82.6502



124.0410, 31.0388, -62.3030

Triad

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



114.2420, 26.0097, -82.6502



142.0480, 10.8223, 28.8989



135.8130, -26.5298, 15.9500

Complementary

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



114.2420, 26.0097, -82.6502



72.7580, -26.0097, 82.6502

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.



137.6180, -23.9687, 34.5380



114.2420, 26.0097, -82.6502



140.8190, -1.8828, 44.0087

Square

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



114.2420, 26.0097, -82.6502



140.4560, 21.9602, 3.1081



139.3880, -14.9813, 45.2637



132.7500, -21.0757, -6.7968

Rectangle

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



114.2420, 26.0097, -82.6502



131.6570, 30.2421, -40.0412



139.3880, -14.9813, 45.2637



136.8570, -26.5515, 22.9274

Sweetspot

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



114.2420, 26.0097, -82.6502



196.4350, 10.1385, -31.9535



107.9990, -35.9885, -77.1751



97.4860, 6.1694, -18.8432



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.



114.2420, 26.0097, -82.6502



139.2030, 38.3539, -122.0810



71.3910, 47.1352, -45.0699



81.0210, 1.4686, -4.4034



94.9430, 26.1571, -83.2650



12.8460, 3.5269, -11.2659

Inverse Universe

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



79.0010, 35.9885, 77.1751



87.1130, 53.1883, 113.9109



115.6090, -47.1352, 45.0699



79.1900, 1.8783, 4.2184



59.4140, 36.2779, 77.6899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 114.2420, 26.0097, -82.6502 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 114.2420, 26.0097, -82.6502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

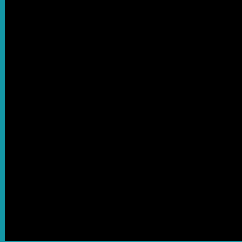
Any Text WCAG AA ✓ Pass

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 114.2420, 26.0097, -82.6502 Background



This preview shows how black text looks on a background with the YUV color 114.2420, 26.0097, -82.6502.

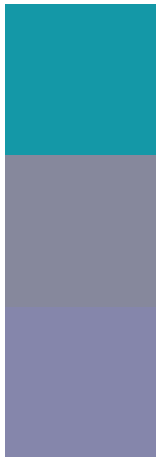


This preview shows how white text looks on a background with the YUV color 114.2420, 26.0097, -82.6502.

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

114.2420, 26.0097, -82.6502

Protanopia

137.6820, 9.0308, -3.2291

Deuteranopia

137.9190, 16.3089, -4.3140



Tritanopia

112.5190, 25.8731, -85.5242

Trichromacy



Original Color

114.2420, 26.0097, -82.6502

Protanomaly

129.4010, 15.0853, -31.9237

Deuteranomaly

129.6550, 19.8901, -33.0234

Tritanomaly

113.2310, 26.0151, -84.3946

Monochromacy



Original Color

114.2420, 26.0097, -82.6502

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2180, 9.2595, -30.0092

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2420, 26.0097, -82.6502 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(20, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(20, 152, 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(20, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 152, 167) }
```

Border

The CSS property to change the border of an element to YUV 114.2420, 26.0097, -82.6502 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(20, 152, 167) }
```


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

```
.border{ border-color:rgb(20, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(20, 152, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(20, 152, 167); box-shadow:4px 4px 4px 4px rgb(20, 152, 167) }
```

Background

The CSS property to change the background color of an element to YUV 114.2420, 26.0097, -82.6502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 152, 167) }
```

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

```
.background{ background-color: rgb(20, 152,  
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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