

Converting Colors

YUV(114.2720, -3.0921,
-81.7995)

Have a look what the booklet for
YUV(114.2720, -3.0921, -81.7995)
contains.

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Color

**YUV(114.2720, -3.0921,
-81.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	15A36C
RGB	21, 163, 108
RGB Percent	8%, 64%, 42%
CMY	0.9176, 0.3608, 0.5765
CMYK	0.87, 0.00, 0.34, 0.36
HSL	157°, 77%, 36%
HSV	157°, 87%, 64%
XYZ	16.1132, 27.4365, 18.6339
YIQ	114.2720, -66.9770, -47.2090

Conversions

Conversions Part 2

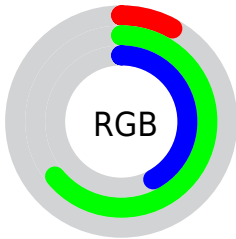
Format	Color
R_{YB}	21, 109, 163
Decimal	1418092
CIE _{Lab}	59.38, -48.17, 18.92
CIE _{LCh}	59, 51.753, 158.557
Yxy	27.4365, 0.2591, 0.4412
Android (android.graphics.Color)	4279608172 (0xFF15A36C)
YUV	114.2720, -3.0921, -81.7995
Hunter-Lab	52.3799, -36.7542, 15.5738

Details

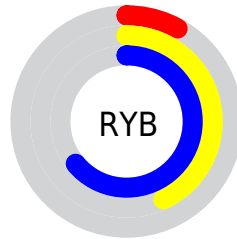
The YUV color **114.2720, -3.0921, -81.7995** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **69.7280, 3.0921, 81.7995**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1980, -7.4926, -70.3336**, and **71.4100, -5.6251, -62.6266** is the 20% darker color. If you saturate the color by 10%, you get **108.8040, -3.3544, -91.0361**, and if you desaturate by 10%, it is **119.7400, -2.8298, -72.5630**.

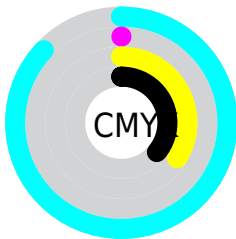
Distribution



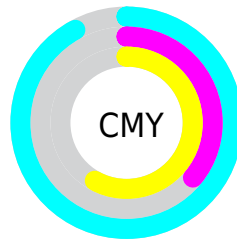
- Red (8%)
- Green (64%)
- Blue (42%)



- Red (8%)
- Yellow (43%)
- Blue (64%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2720, -3.0921, -81.7995 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 114.2720, -3.0921, -81.7995 by changing the saturation by 10% instead.


 114.2720, -3.0921,
-81.7995

 114.2720, -3.0921,
-81.7995


255.0000, 0.0000,
0.0000

 89.4080, -2.6661,
-78.4108


 175.1980, -7.4926,
-70.3336

 71.4100, -5.6251,
-62.6266


 204.2690, -8.5136,
-69.5189

 54.2270, -7.9999,
-47.5571

 220.2410, -2.5838,
-58.0934

 37.1580, -9.9379,
-32.5876

 232.4030, 5.2243,
-42.4494

 22.3060, -10.9969,
-19.5624

 242.4420, 6.1911,
-25.8206

 0.0000, 0.0000,
0.0000

 251.4120, 1.7689,

-7.3773

■ 114.2720, -3.0921,
-81.7995

■ 114.2720, -3.0921,
-81.7995

■ 108.8040, -3.3544,
-91.0361

■ 119.7400, -2.8298,
-72.5630

■ 107.0810, -3.4909,
-93.9100

■ 125.6210, -2.2782,
-62.8116

■ 131.0890, -2.0159,
-53.5751

■ 136.5570, -1.7536,
-44.3385

■ 142.4380, -1.2019,
-34.5871

■ 147.9060, -0.9397,
-25.3506

■ 153.3740, -0.6774,
-16.1140

■ 158.9560, 0.0217,
-6.9774

■ 164.7230, 0.1366,
2.8739

Harmonies

Analogous

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



131.3170, -31.2153, -21.3260



114.2720, -3.0921, -81.7995



114.5250, 19.9542, -100.4384

Triad

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



114.2720, -3.0921, -81.7995



135.3090, 48.1617, -47.6290



141.6700, -25.9663, 68.6954

Complementary

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



114.2720, -3.0921, -81.7995



69.7280, 3.0921, 81.7995

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.



142.7950, -5.3219, 73.8478



114.2720, -3.0921, -81.7995



147.0950, 32.9842, 13.9487

Square

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



114.2720, -3.0921, -81.7995



118.0370, 53.7188, -103.5184



145.7660, 15.3984, 54.5792



140.1130, -41.4677, 47.2589

Rectangle

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



114.2720, -3.0921, -81.7995



117.9450, 33.0581, -103.4378



145.7660, 15.3984, 54.5792



141.7120, -19.5780, 73.0436

Sweetspot

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



114.2720, -3.0921, -81.7995



193.0470, -1.5022, -31.6132



121.3970, -49.4957, -38.0592



95.6510, -0.8139, -18.9879



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.2720, -3.0921, -81.7995



139.2640, -4.5672, -122.1345



112.3240, 24.9833, -80.0911



78.8530, -0.4205, -5.1331



95.2610, -3.0867, -83.5439



11.8200, -0.4043, -10.3661

Inverse Universe

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



69.7280, 3.0921, 81.7995



72.7360, 4.5672, 122.1345



71.6760, -24.9833, 80.0911



76.1470, 0.4205, 5.1331



49.7390, 3.0867, 83.5439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 114.2720, -3.0921, -81.7995 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 114.2720, -3.0921, -81.7995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

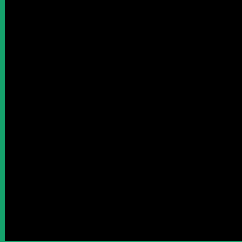
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.2720, -3.0921, -81.7995

Background



This preview shows how black text looks on a background with the YUV color 114.2720, -3.0921, -81.7995.



This preview shows how white text looks on a background with the YUV color 114.2720, -3.0921, -81.7995.

-81.7995.

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

114.2720, -3.0921, -81.7995

Protanopia

140.3870, -20.4038, 11.0616

Deuteranopia

142.1630, -13.8844, 20.0280



Tritanopia

128.3650, 19.5401, -60.8331

Trichromacy



Original Color

114.2720, -3.0921, -81.7995

Protanomaly

131.0730, -14.3330, -22.8660

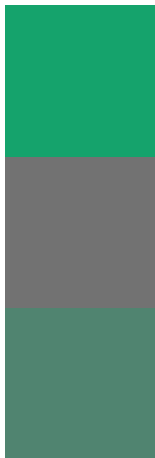
Deuteranomaly

132.2570, -9.9867, -16.8884

Tritanomaly

123.4320, 11.1260, -68.7849

Monochromacy



Original Color

114.2720, -3.0921, -81.7995

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1720, -1.0708, -29.9688

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2720, -3.0921, -81.7995 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(21, 163, 108)` looks like.

```
.text, #text, p{  
    color:rgb(21, 163, 108)  
}
```

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(21, 163, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 163, 108) }
```

Border

The CSS property to change the border of an element to YUV 114.2720, -3.0921, -81.7995 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(21, 163, 108) }
```


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

```
.border{ border-color:rgb(21, 163, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 163, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 163, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 163, 108);  
box-shadow:4px 4px 4px 4px rgb(21, 163,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 114.2720, -3.0921, -81.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 163, 108) }
```

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

```
.background{ background-color: rgb(21, 163,  
108) }
```

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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