

Converting Colors

YUV(165.2490, 19.1042,
-14.2504)

Have a look what the booklet for
YUV(165.2490, 19.1042, -14.2504)
contains.

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Color

**YUV(165.2490, 19.1042,
-14.2504)**

Conversions

Conversions Part 1

Format	Color
Hex	95A6CC
RGB	149, 166, 204
RGB Percent	58%, 65%, 80%
CMY	0.4157, 0.3490, 0.2000
CMYK	0.27, 0.19, 0.00, 0.20
HSL	221°, 35%, 69%
HSV	221°, 27%, 80%
XYZ	36.9297, 38.0216, 62.5192
YIQ	165.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

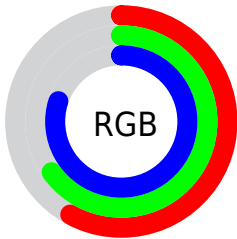
Format	Color
R _Y B	149, 162, 204
Decimal	9807564
CIE Lab	68.04, 2.62, -21.34
CIE LCh	68, 21.502, 277.012
Yxy	38.0216, 0.2686, 0.2766
Android (android.graphics.Color)	4287997644 (0xFF95A6CC)
YUV	165.2490, 19.1042, -14.2504
Hunter-Lab	61.6617, -1.0027, -16.9514

Details

The YUV color $165.2490, 19.1042, -14.2504$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.7510, -19.1042, 14.2504$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.7930, 17.3571, -13.8505$, and $113.0210, 18.2306, -14.0504$ is the 20% darker color. If you saturate the color by 10%, you get $151.0510, 26.1039, -19.3387$, and if you desaturate by 10%, it is $179.4470, 12.1046, -9.1620$.

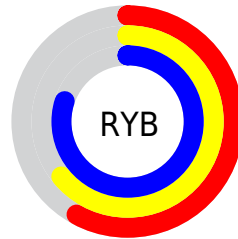
Distribution



Red (58%)

Green (65%)

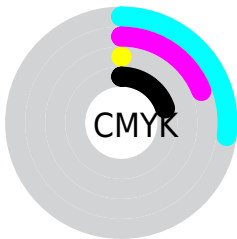
Blue (80%)



Red (58%)

Yellow (64%)

Blue (80%)

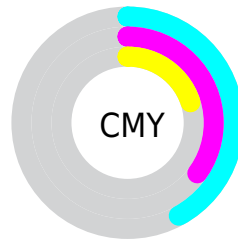


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2490, 19.1042, -14.2504 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 165.2490, 19.1042, -14.2504 by changing the saturation by 10% instead.

■ 165.2490, 19.1042,
-14.2504

■ 165.2490, 19.1042,
-14.2504

■ 255.0000, 0.0000,
0.0000

■ 139.0210, 18.2306,
-14.0504

■ 219.7930, 17.3571,
-13.8505

■ 113.0210, 18.2306,
-14.0504

■ 244.6010, 5.1267,
-11.0511

■ 88.4940, 17.5045,
-14.4652

■ 64.9670, 16.7783,
-14.8801

■ 41.8420, 16.3469,
-16.5244

■ 20.0160, 15.7681,
-17.5540

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 165.2490, 19.1042,
-14.2504

■ 165.2490, 19.1042,
-14.2504

■ 151.0510, 26.1039,
-19.3387

■ 179.4470, 12.1046,
-9.1620

■ 136.5540, 33.2509,
-25.0419

■ 193.9440, 4.9576,
-3.4589

■ 122.3560, 40.2505,
-30.1302

■ 208.1420, -2.0420,
1.6295

■ 107.8590, 47.3975,
-35.8333

■ 222.6390, -9.1890,
7.3326

■ 93.6610, 54.3971,
-40.9217

■ 236.8370,
-16.1886, 12.4210

■ 78.8760, 61.6861,
-45.4953

■ 246.8380,
-21.1191, 7.1581

■ 64.3790, 68.8332,
-51.1984

■ 249.1860,
-22.2767, 5.0989

■ 60.2370, 70.8752,
-52.8278

Harmonies

Analogous

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



161.2530, 19.5953, -31.7939



165.2490, 19.1042, -14.2504



168.1160, 14.2398, 6.0373

Triad

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



165.2490, 19.1042, -14.2504



167.6960, -12.1751, 31.8386



159.8800, -4.8708, -24.4508

Complementary

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



165.2490, 19.1042, -14.2504



187.7510, -19.1042, 14.2504

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.



162.2860, -13.9450, -7.2668



165.2490, 19.1042, -14.2504



166.8600, -17.6790, 23.8018

Square

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



165.2490, 19.1042, -14.2504



168.9870, -3.4446, 31.5834



164.5440, -18.5092, 10.0469



157.9630, 5.9342, -36.8016

Rectangle

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



165.2490, 19.1042, -14.2504



168.8140, 8.9657, 17.7031



164.5440, -18.5092, 10.0469



160.7020, -8.2341, -19.0327

Sweetspot

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



165.2490, 19.1042, -14.2504



240.8020, 6.9996, -5.0884



185.6170, 0.6818, -32.1131



118.8300, 4.5208, -3.3589



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.2490, 19.1042, -14.2504



197.6100, 28.2933, -21.5830



158.2600, 22.5498, 0.6490



94.9010, 3.4998, -2.5442



48.8610, 57.7495, -42.8511



11.3760, 13.1256, -9.9768

Inverse Universe

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



167.3830, -0.6818, 32.1131



200.4820, -0.7306, 47.8123



194.7400, -22.5498, -0.6490



95.3320, -0.1637, 5.8478



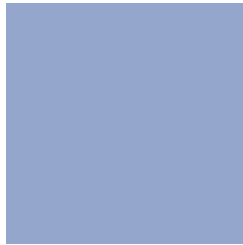
55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 165.2490, 19.1042, -14.2504 looks on a white 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

Black Background



This preview shows how the YUV color 165.2490, 19.1042, -14.2504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

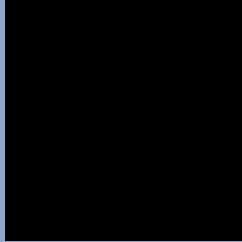
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.2490, 19.1042, -14.2504 Background



This preview shows how black text looks on a background with the YUV color 165.2490, 19.1042, -14.2504.



This preview shows how white text looks on a background with the YUV color 165.2490, 19.1042, -14.2504.

-14.2504.

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

165.2490, 19.1042, -14.2504

Protanopia

166.3530, 18.0670, -8.2026

Deuteranopia

166.9020, 18.7823, -4.2991



Tritanopia

164.0070, 9.3635, -16.6691

Trichromacy



Original Color

165.2490, 19.1042, -14.2504

Protanomaly

166.0430, 18.2198, -10.5617

Deuteranomaly

165.9940, 19.2300, -7.8877

Tritanomaly

164.6310, 12.9999, -16.3394

Monochromacy



Original Color

165.2490, 19.1042, -14.2504

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8020, 6.9996, -5.0884

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2490, 19.1042, -14.2504 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(149, 166, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 204)  
}
```

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(149, 166, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 204) }
```

Border

The CSS property to change the border of an element to YUV 165.2490, 19.1042, -14.2504 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(149, 166, 204) }
```


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

```
.border{ border-color:rgb(149, 166, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 165.2490, 19.1042, -14.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 204) }
```

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

```
.background{ background-color: rgb(149,  
166, 204) }
```

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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