

Converting Colors

YUV(164.2970, 19.5736,
-24.8165)

Have a look what the booklet for
YUV(164.2970, 19.5736, -24.8165)
contains.

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Color

**YUV(164.2970, 19.5736,
-24.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	88ABCC
RGB	136, 171, 204
RGB Percent	53%, 67%, 80%
CMY	0.4667, 0.3294, 0.2000
CMYK	0.33, 0.16, 0.00, 0.20
HSL	209°, 40%, 67%
HSV	209°, 33%, 80%
XYZ	35.6153, 38.7197, 62.7233
YIQ	164.2970, -31.4530, 2.8430

Conversions

Conversions Part 2

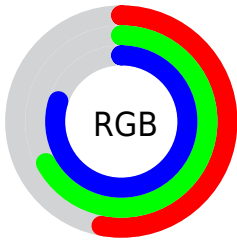
Format	Color
RYB	136, 159, 204
Decimal	8956876
CIELab	68.55, -3.96, -20.64
CIELCh	69, 21.017, 259.141
Yxy	38.7197, 0.2599, 0.2825
Android (android.graphics.Color)	4287146956 (0xFF88ABCC)
YUV	164.2970, 19.5736, -24.8165
Hunter-Lab	62.2252, -6.7273, -16.2070

Details

The YUV color **164.2970, 19.5736, -24.8165** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.7030, -19.5736, 24.8165**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8410, 17.8264, -24.4166**, and **112.0690, 18.7000, -24.6165** is the 20% darker color. If you saturate the color by 10%, you get **152.4470, 25.4156, -31.9640**, and if you desaturate by 10%, it is **176.1470, 13.7315, -17.6689**.

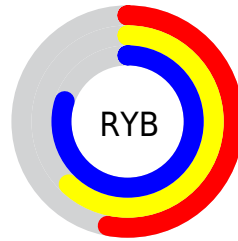
Distribution



Red (53%)

Green (67%)

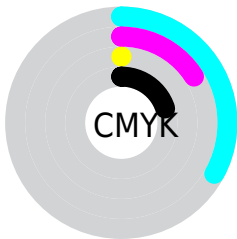
Blue (80%)



Red (53%)

Yellow (62%)

Blue (80%)

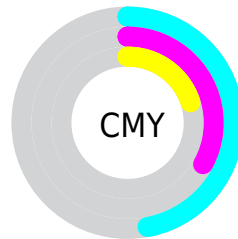


Cyan (33%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2970, 19.5736, -24.8165 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 164.2970, 19.5736, -24.8165 by changing the saturation by 10% instead.

■ 164.2970, 19.5736,
-24.8165

■ 164.2970, 19.5736,
-24.8165

255.0000, 0.0000,
0.0000

■ 137.8840, 19.2842,
-25.3313

■ 218.8410, 17.8264,
-24.4166

■ 112.0690, 18.7000,
-24.6165

■ 244.2360, 5.3067,
-22.1320

■ 86.6560, 18.4106,
-25.1313

■ 252.9070, 1.0318,
-4.3034

■ 62.2320, 18.1266,
-27.3905

■ 36.7260, 18.8691,
-32.2087

■ 22.3640, 14.6105,
-19.6132

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 164.2970, 19.5736,
-24.8165

■ 164.2970, 19.5736,
-24.8165

■ 152.4470, 25.4156,
-31.9640

■ 176.1470, 13.7315,
-17.6689

■ 140.2980, 31.4051,
-39.7263

■ 188.2960, 7.7421,
-9.9066

■ 128.4480, 37.2471,
-46.8739

■ 200.1460, 1.9000,
-2.7590

■ 116.2990, 43.2366,
-54.6362

■ 212.2950, -4.0894,
5.0033

■ 104.4490, 49.0786,
-61.7838

■ 224.1450, -9.9315,
12.1508

■ 93.1860, 54.6313,
-69.4461

■ 234.5110,
-15.0419, 17.9689

■ 84.8910, 58.7207,
-74.4494

■ 240.3810,
-17.9358, 12.8209

■ 246.2510,
-20.8297, 7.6729

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



160.8240, 16.8488, -37.5566



164.2970, 19.5736, -24.8165



168.1360, 17.1880, -6.2583

Triad

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



164.2970, 19.5736, -24.8165



170.0750, -6.9390, 32.3832



162.8660, -10.2869, -13.9145

Complementary

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



164.2970, 19.5736, -24.8165



175.7030, -19.5736, 24.8165

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.



165.2550, -16.8877, 3.2844



164.2970, 19.5736, -24.8165



168.9900, -14.7851, 28.9498

Square

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



164.2970, 19.5736, -24.8165



170.4470, 2.2446, 26.7950



167.3000, -18.3889, 18.1539



160.5850, -0.7814, -29.4540

Rectangle

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



164.2970, 19.5736, -24.8165



169.6000, 13.5082, 7.3668



167.3000, -18.3889, 18.1539



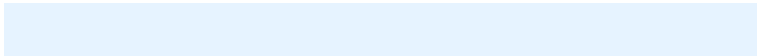
163.2150, -12.9240, -8.0816

Sweetspot

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



164.2970, 19.5736, -24.8165



240.4810, 7.1579, -9.1918



179.6780, -5.2643, -38.3056



118.5200, 4.6736, -5.7180



0.0000, 0.0000, 0.0000



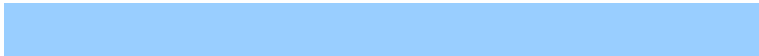
128.0000, 0.0000, 0.0000

Same Dimension

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



164.2970, 19.5736, -24.8165



195.7390, 29.2157, -37.4821



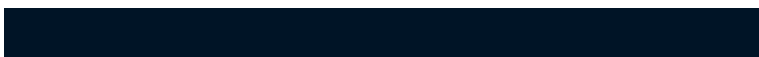
144.3390, 29.4129, -7.3133



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Inverse Universe

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



160.3220, 5.2643, 38.3056



189.5400, 8.1148, 57.4084



195.6610, -29.4129, 7.3133



95.5600, 0.7099, 5.6479



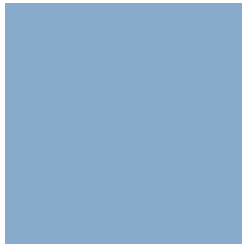
59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 164.2970, 19.5736, -24.8165 looks on a white background.

Color Contrast Check

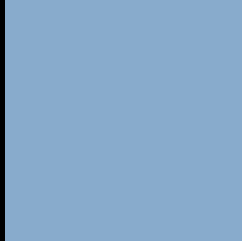
Large Text (above 18pt) WCAG AA × Fail

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 164.2970, 19.5736, -24.8165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

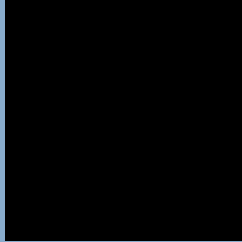
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2970, 19.5736, -24.8165

Background



This preview shows how black text looks on a background with the YUV color 164.2970, 19.5736, -24.8165.

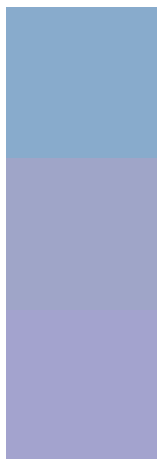


This preview shows how white text looks on a background with the YUV color 164.2970, 19.5736, -24.8165.

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

164.2970, 19.5736, -24.8165

Protanopia

167.1960, 16.1724, -7.1879

Deuteranopia

167.9020, 18.7823, -4.2991



Tritanopia

163.0380, 12.3063, -27.2203

Trichromacy



Original Color

164.2970, 19.5736, -24.8165

Protanomaly

166.0920, 17.2096, -13.2357

Deuteranomaly

166.5590, 18.9514, -11.8912

Tritanomaly

163.4340, 15.0690, -26.6906

Monochromacy



Original Color

164.2970, 19.5736, -24.8165

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.4810, 7.1579, -9.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2970, 19.5736, -24.8165 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(136, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(136, 171, 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(136, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 171, 204) }
```

Border

The CSS property to change the border of an element to YUV 164.2970, 19.5736, -24.8165 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(136, 171, 204) }
```


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

```
.border{ border-color:rgb(136, 171, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(136, 171,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 164.2970, 19.5736, -24.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 171, 204) }
```

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

```
.background{ background-color: rgb(136,  
171, 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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