

Converting Colors

YUV(159.9490, 20.7311,
-22.7573)

Have a look what the booklet for
YUV(159.9490, 20.7311, -22.7573)
contains.

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Color

**YUV(159.9490, 20.7311,
-22.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	86A5CA
RGB	134, 165, 202
RGB Percent	53%, 65%, 79%
CMY	0.4745, 0.3529, 0.2078
CMYK	0.34, 0.18, 0.00, 0.21
HSL	213°, 39%, 66%
HSV	213°, 34%, 79%
XYZ	33.9473, 36.2429, 61.0835
YIQ	159.9490, -30.3530, 4.9350

Conversions

Conversions Part 2

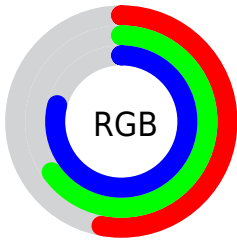
Format	Color
RYB	134, 155, 202
Decimal	8824266
CIELab	66.71, -1.73, -22.35
CIElCh	67, 22.422, 265.563
Yxy	36.2429, 0.2586, 0.2761
Android (android.graphics.Color)	4287014346 (0xFF86A5CA)
YUV	159.9490, 20.7311, -22.7573
Hunter-Lab	60.2020, -4.6993, -18.0166

Details

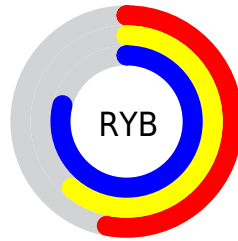
The YUV color **159.9490, 20.7311, -22.7573** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.0510, -20.7311, 22.7573**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7210, 19.8575, -22.5573**, and **107.7210, 19.8575, -22.5573** is the 20% darker color. If you saturate the color by 10%, you get **147.5120, 26.8626, -29.3900**, and if you desaturate by 10%, it is **172.3860, 14.5997, -16.1245**.

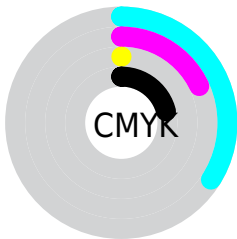
Distribution



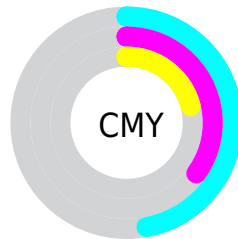
- Red (53%)
- Green (65%)
- Blue (79%)



- Red (53%)
- Yellow (61%)
- Blue (79%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9490, 20.7311, -22.7573 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 159.9490, 20.7311, -22.7573 by changing the saturation by 10% instead.

■ 159.9490, 20.7311,
-22.7573

■ 159.9490, 20.7311,
-22.7573

255.0000, 0.0000,
0.0000

■ 133.8350, 20.2943,
-22.6573

■ 214.7210, 19.8575,
-22.5573

■ 107.7210, 19.8575,
-22.5573

■ 239.5290, 7.6272,
-19.7579

■ 82.8950, 19.2788,
-23.5869

■ 252.3090, 1.3267,
-5.5330

■ 58.7700, 18.8474,
-25.2313

■ 34.1500, 19.1531,
-29.9495

■ 19.2010, 15.1839,
-16.8393

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 159.9490, 20.7311,
-22.7573

■ 159.9490, 20.7311,
-22.7573

■ 147.5120, 26.8626,
-29.3900

■ 172.3860, 14.5997,
-16.1245

■ 135.0750, 32.9940,
-36.0228

■ 184.8230, 8.4683,
-9.4918

■ 122.3390, 39.2729,
-43.2703

■ 197.5590, 2.1894,
-2.2442

■ 109.9020, 45.4043,
-49.9031

■ 209.9960, -3.9420,
4.3885

■ 97.4650, 51.5358,
-56.5358

■ 222.4330,
-10.0735, 11.0213

■ 85.0280, 57.6672,
-63.1686

■ 234.8700,
-16.2049, 17.6540

■ 77.0320, 61.6092,
-67.5571

■ 241.3270,
-19.3882, 11.9912

■ 247.7840,
-22.5715, 6.3284

■ 248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



155.5080, 19.4696, -38.1565



159.9490, 20.7311, -22.7573



163.7560, 16.8823, -1.5400

Triad

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



159.9490, 20.7311, -22.7573



165.1030, -9.4178, 34.1127



156.8870, -8.8183, -18.3179

Complementary

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



159.9490, 20.7311, -22.7573



176.0510, -20.7311, 22.7573

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.



159.3470, -16.4401, -0.3043



159.9490, 20.7311, -22.7573



163.2350, -16.3849, 28.7349

Square

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



159.9490, 20.7311, -22.7573



165.6000, 0.1972, 30.1688



161.6480, -19.5465, 16.0947



154.5350, 1.7082, -34.6722

Rectangle

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



159.9490, 20.7311, -22.7573



165.3940, 12.6238, 11.0555



161.6480, -19.5465, 16.0947



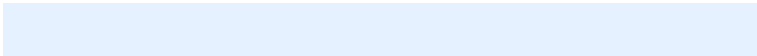
157.8230, -11.7447, -12.9998

Sweetspot

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



159.9490, 20.7311, -22.7573



239.3070, 7.7366, -8.1622



178.0200, -3.9539, -38.6055



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



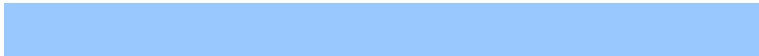
128.0000, 0.0000, 0.0000

Same Dimension

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



159.9490, 20.7311, -22.7573



192.2170, 30.9520, -34.3933



142.3500, 29.4075, -5.5689



95.4880, 3.2104, -3.0590



63.5360, 50.5148, -55.7211



14.3110, 11.6787, -12.5507

Inverse Universe

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



157.8660, 3.5171, 38.7055



188.8560, 5.4940, 58.0083



193.6500, -29.4075, 5.5689



95.4460, 0.2731, 5.7479



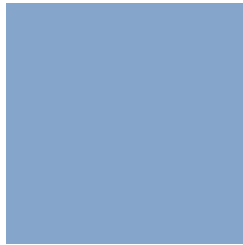
58.2980, 8.7271, 94.4547



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 159.9490, 20.7311, -22.7573 looks on a white background.

Color Contrast Check

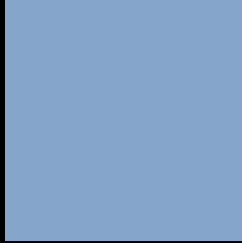
Large Text (above 18pt) WCAG AA × Fail

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 159.9490, 20.7311, -22.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

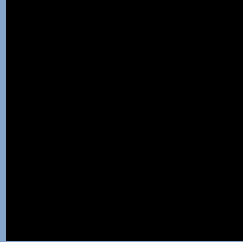
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

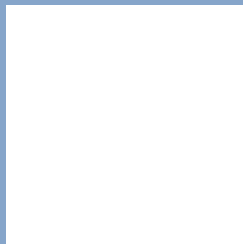
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.9490, 20.7311, -22.7573

Background



This preview shows how black text looks on a background with the YUV color 159.9490, 20.7311, -22.7573.



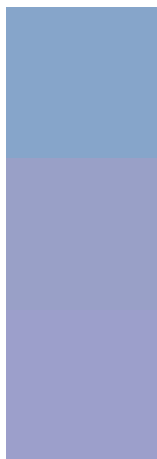
This preview shows how white text looks on a background with the YUV color 159.9490, 20.7311, -22.7573.

-22.7573.

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

159.9490, 20.7311, -22.7573

Protanopia

162.3530, 18.0670, -8.2026

Deuteranopia

163.1190, 19.6613, -6.2434



Tritanopia

157.9350, 11.8640, -25.3760

Trichromacy



Original Color

159.9490, 20.7311, -22.7573

Protanomaly

161.5480, 18.9568, -13.6356

Deuteranomaly

161.9010, 20.2618, -12.1912

Tritanomaly

158.7440, 14.9162, -24.3315

Monochromacy



Original Color

159.9490, 20.7311, -22.7573

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9490, 20.7311, -22.7573 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(134, 165, 202)` looks like.

```
.text, #text, p{  
    color:rgb(134, 165, 202)  
}
```

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(134, 165, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 165, 202) }
```

Border

The CSS property to change the border of an element to YUV 159.9490, 20.7311, -22.7573 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(134, 165, 202) }
```


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

```
.border{ border-color:rgb(134, 165, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 165, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 165, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 165, 202);  
box-shadow:4px 4px 4px 4px rgb(134, 165,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 159.9490, 20.7311, -22.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 165, 202) }
```

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

```
.background{ background-color: rgb(134,  
165, 202) }
```

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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