

Converting Colors

YUV(133.9550, 18.2632,
-24.5165)

Have a look what the booklet for
YUV(133.9550, 18.2632, -24.5165)
contains.

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Color

**YUV(133.9550, 18.2632,
-24.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8DAB
RGB	106, 141, 171
RGB Percent	42%, 55%, 67%
CMY	0.5843, 0.4471, 0.3294
CMYK	0.38, 0.18, 0.00, 0.33
HSL	208°, 28%, 54%
HSV	208°, 38%, 67%
XYZ	22.8194, 25.0542, 42.1613
YIQ	133.9550, -30.4900, 1.9100

Conversions

Conversions Part 2

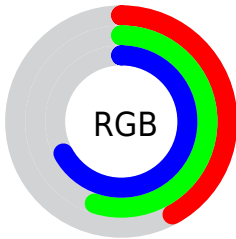
Format	Color
RYB	106, 129, 171
Decimal	6983083
CIELab	57.13, -4.45, -19.69
CIELCh	57, 20.187, 257.273
Yxy	25.0542, 0.2535, 0.2783
Android (android.graphics.Color)	4285173163 (0xFF6A8DAB)
YUV	133.9550, 18.2632, -24.5165
Hunter-Lab	50.0542, -6.2176, -14.9029

Details

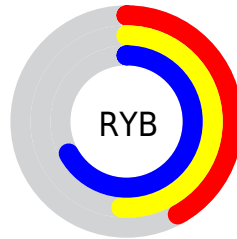
The YUV color $133.9550, 18.2632, -24.5165$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $143.0450, -18.2632, 24.5165$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.7700, 18.8474, -25.2313$, and $83.4280, 17.5370, -24.9314$ is the 20% darker color. If you saturate the color by 10%, you get $124.1760, 23.0842, -30.8494$, and if you desaturate by 10%, it is $143.7340, 13.4421, -18.1837$.

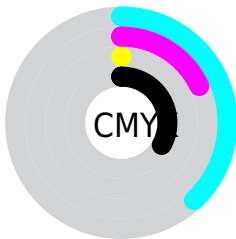
Distribution



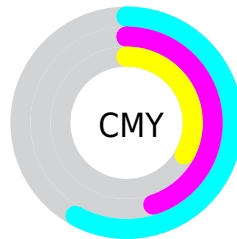
- Red (42%)
- Green (55%)
- Blue (67%)



- Red (42%)
- Yellow (51%)
- Blue (67%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9550, 18.2632, -24.5165 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 133.9550, 18.2632, -24.5165 by changing the saturation by 10% instead.

■ 133.9550, 18.2632,
-24.5165

■ 133.9550, 18.2632,
-24.5165

■ 255.0000, 0.0000,
0.0000

■ 108.4280, 17.5370,
-24.9314

■ 187.7700, 18.8474,
-25.2313

■ 83.4280, 17.5370,
-24.9314

■ 215.2970, 19.5736,
-24.8165

■ 59.0040, 17.2530,
-27.1905

■ 240.6920, 7.0538,
-22.5319

■ 34.3950, 17.5533,
-30.1644

■ 251.7110, 1.6215,
-6.7625

■ 20.1470, 13.7315,
-17.6689

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 133.9550, 18.2632,
-24.5165

■ 133.9550, 18.2632,
-24.5165

■ 124.1760, 23.0842,
-30.8494

■ 143.7340, 13.4421,
-18.1837

■ 114.3970, 27.9053,
-37.1822

■ 153.5130, 8.6211,
-11.8509

■ 104.6180, 32.7263,
-43.5150

■ 163.2920, 3.8000,
-5.5181

■ 94.8390, 37.5474,
-49.8478

■ 173.0710, -1.0210,
0.8147

■ 85.3480, 42.2264,
-57.3102

■ 182.2630, -5.5527,
7.6623

■ 75.5690, 47.0475,
-63.6430

■ 192.3410,
-10.5211, 14.6099

■ 73.4980, 48.0685,
-64.4577

■ 202.1200,
-15.3422, 20.9428

■ 211.8990,
-20.1632, 27.2756

■ 220.1830,
-24.2472, 30.5345

Harmonies

Analogous

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



130.1940, 15.6804, -36.1271



133.9550, 18.2632, -24.5165



137.6090, 16.4618, -6.6731

Triad

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



133.9550, 18.2632, -24.5165



139.5800, -6.2019, 29.3093



133.2900, -10.0030, -11.6553

Complementary

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



133.9550, 18.2632, -24.5165



143.0450, -18.2632, 24.5165

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.



135.1950, -15.8721, 4.2140



133.9550, 18.2632, -24.5165



138.4350, -13.0325, 26.8055

Square

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



133.9550, 18.2632, -24.5165



140.1370, 2.3975, 24.4359



136.7560, -16.6417, 17.7540



130.8950, -0.9342, -27.0949

Rectangle

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



133.9550, 18.2632, -24.5165



139.0620, 12.7874, 5.2076



136.7560, -16.6417, 17.7540



133.4540, -12.0558, -6.5372

Sweetspot

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



133.9550, 18.2632, -24.5165



208.0680, 6.8685, -9.7066



147.4610, -6.1433, -36.3613



103.7050, 4.0894, -5.0033



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



133.9550, 18.2632, -24.5165



163.9130, 28.6369, -38.5117



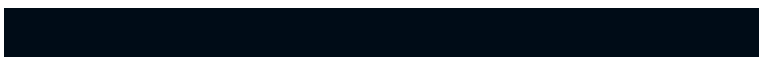
115.1710, 27.5237, -8.0430



81.9610, 2.4842, -3.4738



64.6470, 42.0790, -56.6954



9.6660, 6.5737, -8.4771

Inverse Universe

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



129.4250, 5.7065, 36.4613



156.7680, 8.9884, 57.2085



161.8290, -27.5237, 8.0430



81.2610, 0.8573, 5.0331



54.0840, 13.2696, 84.1183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 133.9550, 18.2632, -24.5165 looks on a white background.

Color Contrast Check

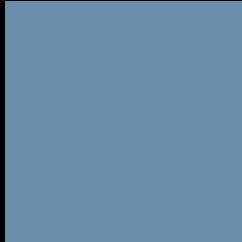
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9550, 18.2632, -24.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

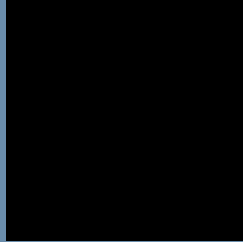
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

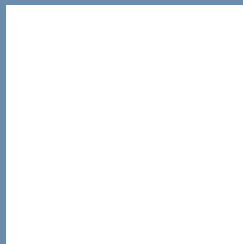
Any Text WCAG AAA × Fail

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

YUV 133.9550, 18.2632, -24.5165 Background



This preview shows how black text looks on a background with the YUV color 133.9550, 18.2632, -24.5165.



This preview shows how white text looks on a background with the YUV color 133.9550, 18.2632, -24.5165.

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

133.9550, 18.2632, -24.5165

Protanopia

137.1530, 14.7146, -6.2732

Deuteranopia

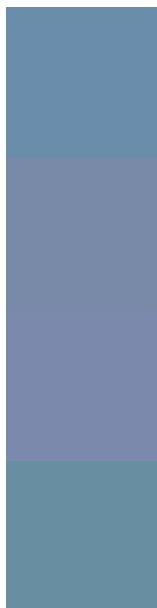
137.4350, 17.0405, -5.6435



Tritanopia

132.6960, 10.9959, -26.9204

Trichromacy



Original Color

133.9550, 18.2632, -24.5165

Protanomaly

135.7500, 15.8993, -12.9358

Deuteranomaly

136.5050, 17.4990, -12.7209

Tritanomaly

133.0920, 13.7586, -26.3907

Monochromacy



Original Color

133.9550, 18.2632, -24.5165

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9550, 18.2632, -24.5165 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(106, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(106, 141, 171)  
}
```

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(106, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 141, 171) }
```

Border

The CSS property to change the border of an element to YUV 133.9550, 18.2632, -24.5165 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(106, 141, 171) }
```


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

```
.border{ border-color:rgb(106, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(106, 141,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 133.9550, 18.2632, -24.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 141, 171) }
```

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

```
.background{ background-color: rgb(106,  
141, 171) }
```

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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