

Converting Colors

YUV(135.9920, 22.1889,
-23.6720)

Have a look what the booklet for
YUV(135.9920, 22.1889, -23.6720)
contains.

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Color

**YUV(135.9920, 22.1889,
-23.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8DB5
RGB	109, 141, 181
RGB Percent	43%, 55%, 71%
CMY	0.5725, 0.4471, 0.2902
CMYK	0.40, 0.22, 0.00, 0.29
HSL	213°, 33%, 57%
HSV	213°, 40%, 71%
XYZ	24.1720, 25.6372, 47.3905
YIQ	135.9920, -31.9120, 5.6560

Conversions

Conversions Part 2

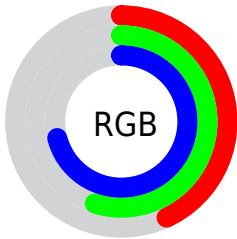
Format	Color
RYB	109, 131, 181
Decimal	7179701
CIELab	57.69, -0.85, -24.51
CIELCh	58, 24.529, 268.012
Yxy	25.6372, 0.2487, 0.2638
Android (android.graphics.Color)	4285369781 (0xFF6D8DB5)
YUV	135.9920, 22.1889, -23.6720
Hunter-Lab	50.6331, -3.3929, -20.0498

Details

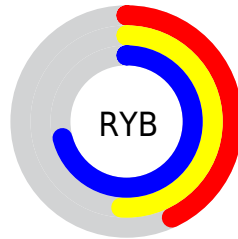
The YUV color **135.9920, 22.1889, -23.6720** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **154.0080, -22.1889, 23.6720**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6330, 23.3519, -23.3571**, and **85.0520, 21.1734, -24.6016** is the 20% darker color. If you saturate the color by 10%, you get **124.7400, 27.7362, -29.5900**, and if you desaturate by 10%, it is **147.2440, 16.6417, -17.7540**.

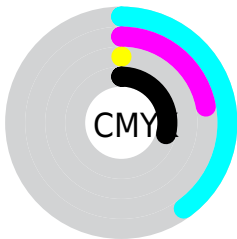
Distribution



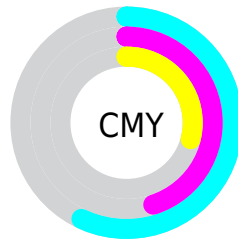
- Red (43%)
- Green (55%)
- Blue (71%)



- Red (43%)
- Yellow (51%)
- Blue (71%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9920, 22.1889, -23.6720 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 135.9920, 22.1889, -23.6720 by changing the saturation by 10% instead.

■ 135.9920, 22.1889,
-23.6720

■ 135.9920, 22.1889,
-23.6720

■ 255.0000, 0.0000,
0.0000

■ 110.4650, 21.4628,
-24.0868

■ 189.6330, 23.3519,
-23.3571

■ 85.0520, 21.1734,
-24.6016

■ 216.4930, 18.9840,
-22.3574

■ 60.6280, 20.8894,
-26.8608

■ 241.8880, 6.4642,
-20.0728

■ 36.0080, 21.1951,
-31.5790

■ 252.9070, 1.0318,
-4.3034

■ 21.0590, 17.2259,
-18.4687

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 135.9920, 22.1889,
-23.6720

■ 135.9920, 22.1889,
-23.6720

■ 124.7400, 27.7362,
-29.5900

■ 147.2440, 16.6417,
-17.7540

■ 113.4880, 33.2834,
-35.5080

■ 158.4960, 11.0945,
-11.8360

■ 102.2360, 38.8307,
-41.4260

■ 169.7480, 5.5472,
-5.9180

■ 90.9840, 44.3779,
-47.3440

■ 181.0000, 0.0000,
0.0000

■ 79.7320, 49.9251,
-53.2620

■ 192.5510, -5.6946,
6.5328

■ 68.1810, 55.6198,
-59.7947

■ 203.8030,
-11.2419, 12.4508

■ 67.5940, 55.9092,
-59.2799

■ 215.0550,
-16.7891, 18.3688

■ 226.3070,
-22.3364, 24.2868

■ 233.0630,
-25.6671, 19.2387

Harmonies

Analogous

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



130.3440, 21.5224, -43.2747



135.9920, 22.1889, -23.6720



140.5820, 17.4611, -0.5104

Triad

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



135.9920, 22.1889, -23.6720



140.4730, -10.5862, 35.5422



132.2780, -8.5181, -21.2918

Complementary

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



135.9920, 22.1889, -23.6720



154.0080, -22.1889, 23.6720

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.



135.1080, -17.3082, -1.8487



135.9920, 22.1889, -23.6720



139.4800, -17.9846, 28.5200

Square

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



135.9920, 22.1889, -23.6720



141.7960, -0.3924, 32.6279



137.7080, -20.5620, 15.1651



128.9690, 3.4663, -38.5608

Rectangle

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



135.9920, 22.1889, -23.6720



141.7040, 12.4709, 13.4146



137.7080, -20.5620, 15.1651



133.3990, -12.0287, -15.2589

Sweetspot

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



135.9920, 22.1889, -23.6720



216.9370, 8.9051, -9.5917



155.8240, -3.3642, -41.0646



106.9330, 4.9630, -5.2032



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



135.9920, 22.1889, -23.6720



164.2320, 34.8886, -37.0375



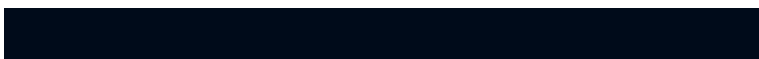
118.4040, 30.8598, -4.7393



83.3740, 2.7736, -2.9590



57.3580, 47.1515, -50.3030



9.4210, 8.1734, -8.2622

Inverse Universe

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



134.1760, 3.3642, 41.0646



161.4870, 5.1829, 64.4709



171.5960, -30.8598, 4.7393



83.1470, 0.4205, 5.1331



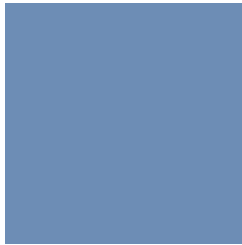
53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 135.9920, 22.1889, -23.6720 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 135.9920, 22.1889, -23.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

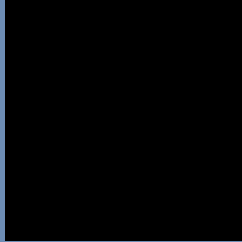
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

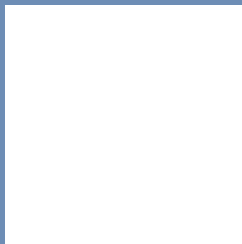
Any Text WCAG AAA × Fail

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

YUV 135.9920, 22.1889, -23.6720 Background



This preview shows how black text looks on a background with the YUV color 135.9920, 22.1889, -23.6720.



This preview shows how white text looks on a background with the YUV color 135.9920, 22.1889, -23.6720.

-23.6720.

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

135.9920, 22.1889, -23.6720

Protanopia

138.9830, 19.2354, -9.6321

Deuteranopia

138.8520, 21.2720, -9.5172



Tritanopia

133.8100, 11.4327, -27.0204

Trichromacy



Original Color

135.9920, 22.1889, -23.6720

Protanomaly

137.5910, 20.4146, -14.5503

Deuteranomaly

137.9330, 21.7250, -14.8502

Tritanomaly

134.8470, 15.3584, -26.1758

Monochromacy



Original Color

135.9920, 22.1889, -23.6720

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0080, 7.8841, -8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9920, 22.1889, -23.6720 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(109, 141, 181)` looks like.

```
.text, #text, p{  
    color:rgb(109, 141, 181)  
}
```

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(109, 141, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 141, 181) }
```

Border

The CSS property to change the border of an element to YUV 135.9920, 22.1889, -23.6720 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(109, 141, 181) }
```


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

```
.border{ border-color:rgb(109, 141, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 141, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 141, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 141, 181);  
box-shadow:4px 4px 4px 4px rgb(109, 141,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 135.9920, 22.1889, -23.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 141, 181) }
```

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

```
.background{ background-color: rgb(109,  
141, 181) }
```

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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