

Converting Colors

YUV(135.9750, 24.6623,
-23.6571)

Have a look what the booklet for
YUV(135.9750, 24.6623, -23.6571)
contains.

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Color

**YUV(135.9750, 24.6623,
-23.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8CBA
RGB	109, 140, 186
RGB Percent	43%, 55%, 73%
CMY	0.5725, 0.4510, 0.2706
CMYK	0.41, 0.25, 0.00, 0.27
HSL	216°, 36%, 58%
HSV	216°, 41%, 73%
XYZ	24.5477, 25.5525, 50.0927
YIQ	135.9750, -33.2420, 7.7340

Conversions

Conversions Part 2

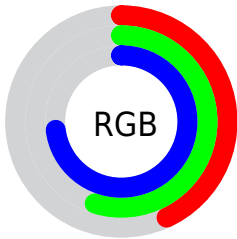
Format	Color
R _Y B	109, 131, 186
Decimal	7179450
CIE Lab	57.61, 1.13, -27.48
CIE LCh	58, 27.505, 272.358
Yxy	25.5525, 0.2450, 0.2550
Android (android.graphics.Color)	4285369530 (0xFF6D8CBA)
YUV	135.9750, 24.6623, -23.6571
Hunter-Lab	50.5495, -1.7791, -23.3695

Details

The YUV color **135.9750, 24.6623, -23.6571** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **159.0250, -24.6623, 23.6571**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6160, 25.8253, -23.3422**, and **84.7360, 23.7942, -25.2015** is the 20% darker color. If you saturate the color by 10%, you get **123.8370, 30.6464, -29.6750**, and if you desaturate by 10%, it is **148.1130, 18.6783, -17.6391**.

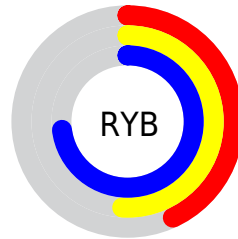
Distribution



Red (43%)

Green (55%)

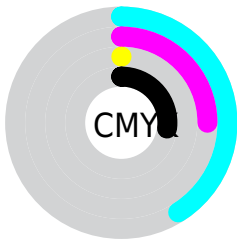
Blue (73%)



Red (43%)

Yellow (51%)

Blue (73%)

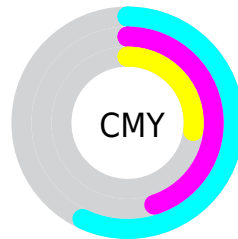


Cyan (41%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9750, 24.6623, -23.6571 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 135.9750, 24.6623, -23.6571 by changing the saturation by 10% instead.

■ 135.9750, 24.6623,
-23.6571

■ 135.9750, 24.6623,
-23.6571

■ 255.0000, 0.0000,
0.0000

■ 110.4480, 23.9361,
-24.0719

■ 189.6160, 25.8253,
-23.3422

■ 84.7360, 23.7942,
-25.2015

■ 215.9060, 19.2733,
-21.8426

■ 59.8990, 23.2208,
-27.9754

■ 241.6000, 6.6062,
-18.9432

■ 35.8770, 23.2316,
-31.4641

■ 253.2060, 0.8844,
-3.6887

■ 21.4010, 18.5363,
-18.7687

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 135.9750, 24.6623,
-23.6571

■ 135.9750, 24.6623,
-23.6571

■ 123.8370, 30.6464,
-29.6750

■ 148.1130, 18.6783,
-17.6391

■ 111.9980, 36.4830,
-35.0782

■ 159.9520, 12.8417,
-12.2359

■ 99.8600, 42.4670,
-41.0962

■ 172.0900, 6.8576,
-6.2179

■ 88.0210, 48.3036,
-46.4994

■ 183.9290, 1.0210,
-0.8147

■ 75.2960, 54.5771,
-52.0026

■ 196.6540, -5.2524,
4.6884

■ 65.2290, 59.5401,
-57.2058

■ 208.7920,
-11.2365, 10.7064

■ 220.6310,
-17.0731, 16.1096

■ 231.8720,
-22.6149, 20.2833

■ 238.3290,
-25.7982, 14.6205

Harmonies

Analogous

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



128.9350, 25.1750, -48.1780



135.9750, 24.6623, -23.6571



140.3590, 19.0500, 3.1932

Triad

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



135.9750, 24.6623, -23.6571



140.5120, -13.0704, 39.0160



130.1740, -7.4808, -27.3396

Complementary

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



135.9750, 24.6623, -23.6571



159.0250, -24.6623, 23.6571

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.



134.4450, -18.4604, -5.6523



135.9750, 24.6623, -23.6571



138.3940, -20.9002, 30.3495

Square

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



135.9750, 24.6623, -23.6571



141.0740, -2.0085, 37.6461



136.4260, -22.8880, 14.5354



126.5980, 6.1142, -47.8824

Rectangle

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



135.9750, 24.6623, -23.6571



141.8510, 12.8915, 18.5477



136.4260, -22.8880, 14.5354



131.7790, -11.7230, -19.9772

Sweetspot

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



135.9750, 24.6623, -23.6571



223.3500, 9.1945, -9.0769



159.3290, -2.6272, -44.1385



111.0470, 5.3998, -5.3032



250.0000, 0.0000, 0.0000



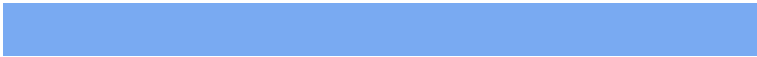
122.0000, 0.0000, 0.0000

Same Dimension

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



135.9750, 24.6623, -23.6571



163.5570, 38.6724, -37.3225



119.5720, 32.7490, -4.0096



85.7870, 3.0630, -2.4442



54.7650, 49.9089, -48.0289



9.6490, 9.0470, -8.4622

Inverse Universe

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



135.5570, 2.1904, 44.2385



162.7650, 3.5669, 69.4891



175.4280, -32.7490, 4.0096



86.0330, -0.0163, 5.2331



53.8260, 4.5228, 89.6066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 135.9750, 24.6623, -23.6571 looks on a white background.

Color Contrast Check

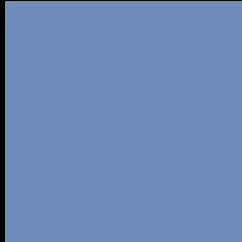
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.9750, 24.6623, -23.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

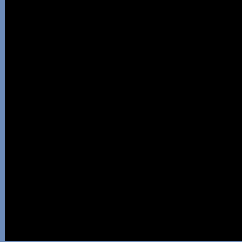
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

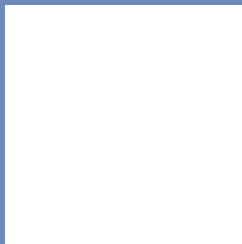
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.9750, 24.6623, -23.6571

Background



This preview shows how black text looks on a background with the YUV color 135.9750, 24.6623, -23.6571.



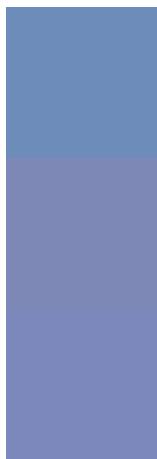
This preview shows how white text looks on a background with the YUV color 135.9750, 24.6623, -23.6571.

-23.6571.

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

135.9750, 24.6623, -23.6571

Protanopia

138.0690, 22.1510, -11.4615

Deuteranopia

138.2260, 24.0456, -12.4762



Tritanopia

133.2120, 11.7275, -28.2499

Trichromacy



Original Color

135.9750, 24.6623, -23.6571

Protanomaly

136.9760, 23.1828, -15.7650

Deuteranomaly

137.3180, 24.4932, -16.0649

Tritanomaly

134.1890, 16.6688, -26.4758

Monochromacy



Original Color

135.9750, 24.6623, -23.6571

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6490, 9.0470, -8.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9750, 24.6623, -23.6571 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, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(109, 140, 186)  
}
```

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, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 140, 186) }
```

Border

The CSS property to change the border of an element to YUV 135.9750, 24.6623, -23.6571 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, 140, 186) }
```


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

```
.border{ border-color:rgb(109, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 140, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 140, 186); box-shadow:4px 4px 4px 4px rgb(109, 140, 186) }
```

Background

The CSS property to change the background color of an element to YUV 135.9750, 24.6623, -23.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 140, 186) }
```

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

```
.background{ background-color: rgb(109,  
140, 186) }
```

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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