

Converting Colors

YUV(126.9690, 23.6793,
-35.0528)

Have a look what the booklet for
YUV(126.9690, 23.6793, -35.0528)
contains.

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Color

**YUV(126.9690, 23.6793,
-35.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	578AAF
RGB	87, 138, 175
RGB Percent	34%, 54%, 69%
CMY	0.6588, 0.4588, 0.3137
CMYK	0.50, 0.21, 0.00, 0.31
HSL	205°, 35%, 51%
HSV	205°, 50%, 69%
XYZ	20.7568, 23.2983, 43.9605
YIQ	126.9690, -42.2730, 0.6950

Conversions

Conversions Part 2

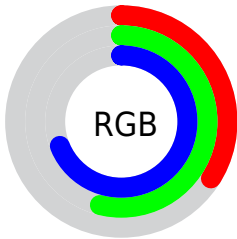
Format	Color
R_{YB}	87, 119, 175
Decimal	5737135
CIE _{Lab}	55.38, -6.57, -24.75
CIE _{LCh}	55, 25.609, 255.146
Yxy	23.2983, 0.2358, 0.2647
Android (android.graphics.Color)	4283927215 (0xFF578AAF)
YUV	126.9690, 23.6793, -35.0528
Hunter-Lab	48.2684, -7.7093, -20.2106

Details

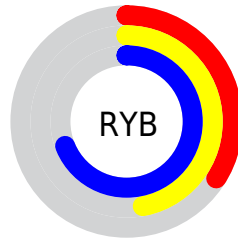
The YUV color **126.9690, 23.6793, -35.0528** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **135.0310, -23.6793, 35.0528**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9090, 24.6949, -34.1232**, and **74.2350, 23.5481, -39.6711** is the 20% darker color. If you saturate the color by 10%, you get **117.7770, 28.2109, -41.9004**, and if you desaturate by 10%, it is **136.4600, 19.0002, -27.5904**.

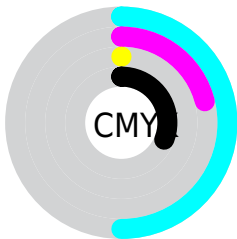
Distribution



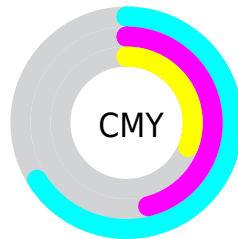
- Red (34%)
- Green (54%)
- Blue (69%)



- Red (34%)
- Yellow (47%)
- Blue (69%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9690, 23.6793, -35.0528 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 126.9690, 23.6793, -35.0528 by changing the saturation by 10% instead.

■ 126.9690, 23.6793,
-35.0528

■ 126.9690, 23.6793,
-35.0528

■ 255.0000, 0.0000,
0.0000

■ 100.8440, 23.2479,
-36.6972

■ 180.9090, 24.6949,
-34.1232

■ 74.2350, 23.5481,
-39.6711

■ 208.4530, 22.9477,
-33.7233

■ 49.2130, 23.5590,
-43.1598

■ 233.8480, 10.4279,
-31.4387

■ 33.5630, 19.4424,
-29.4348

■ 246.6280, 4.1274,
-17.2138

■ 19.3150, 15.6207,
-16.9393

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 126.9690, 23.6793,
-35.0528

■ 126.9690, 23.6793,
-35.0528

■ 117.7770, 28.2109,
-41.9004

■ 136.4600, 19.0002,
-27.5904

■ 107.6990, 33.1794,
-48.8480

■ 146.2390, 14.1792,
-21.2576

■ 98.2080, 37.8585,
-56.3104

■ 155.4310, 9.6475,
-14.4100

■ 89.0160, 42.3901,
-63.1580

■ 164.9220, 4.9685,
-6.9476

■ 79.2370, 47.2112,
-69.4908

■ 175.0000, 0.0000,
0.0000

■ 184.1920, -4.5317,
6.8476

■ 194.2700, -9.5001,
13.7952

■ 203.4620,
-14.0318, 20.6428

■ 212.6540,
-18.5634, 27.4904

Harmonies

Analogous

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



121.3600, 20.5285, -51.1817



126.9690, 23.6793, -35.0528



132.7270, 20.8406, -11.1616

Triad

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



126.9690, 23.6793, -35.0528



134.9230, -6.3710, 36.9015



127.7690, -13.1971, -13.8294

Complementary

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



126.9690, 23.6793, -35.0528



135.0310, -23.6793, 35.0528

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.



130.3540, -20.3875, 5.8285



126.9690, 23.6793, -35.0528



133.4960, -15.5275, 33.7680

Square

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



126.9690, 23.6793, -35.0528



135.7400, 4.5652, 29.1690



132.0510, -20.7311, 22.7573



124.0360, -1.4967, -33.3576

Rectangle

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



126.9690, 23.6793, -35.0528



135.3870, 16.5712, 4.9226



132.0510, -20.7311, 22.7573



128.4170, -15.9816, -7.3817

Sweetspot

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



126.9690, 23.6793, -35.0528



208.6160, 9.0633, -13.6952



142.8740, -9.3049, -49.0015



103.4380, 5.7001, -8.2771



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



126.9690, 23.6793, -35.0528



152.8770, 36.5426, -54.2661



101.1410, 36.4125, -12.4017



81.9610, 2.4842, -3.4738



68.1690, 40.3427, -59.7842



10.2530, 6.2843, -8.9919

Inverse Universe

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



119.1260, 9.3049, 49.0015



140.6700, 14.4597, 75.7114



160.8590, -36.4125, 12.4017



81.2610, 0.8573, 5.0331



54.7680, 15.8904, 83.5185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 126.9690, 23.6793, -35.0528 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 126.9690, 23.6793, -35.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

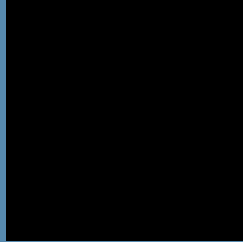
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

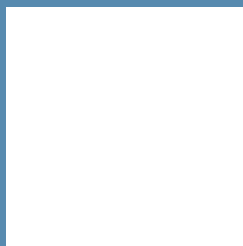
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.9690, 23.6793, -35.0528

Background



This preview shows how black text looks on a background with the YUV color 126.9690, 23.6793, -35.0528.



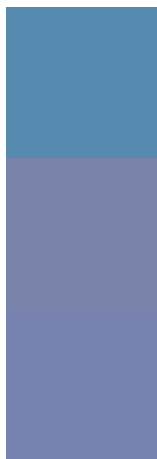
This preview shows how white text looks on a background with the YUV color 126.9690, 23.6793, -35.0528.

-35.0528.

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

126.9690, 23.6793, -35.0528

Protanopia

132.7550, 18.3618, -9.4321

Deuteranopia

132.3680, 22.0036, -10.8467



Tritanopia

124.7160, 13.9440, -39.2159

Trichromacy



Original Color

126.9690, 23.6793, -35.0528

Protanomaly

130.8570, 20.2835, -19.1686

Deuteranomaly

130.4270, 22.4675, -19.6685

Tritanomaly

125.9380, 17.2856, -37.6566

Monochromacy



Original Color

126.9690, 23.6793, -35.0528

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8010, 8.4791, -12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9690, 23.6793, -35.0528 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(87, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(87, 138, 175)  
}
```

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(87, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 138, 175) }
```

Border

The CSS property to change the border of an element to YUV 126.9690, 23.6793, -35.0528 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(87, 138, 175) }
```


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

```
.border{ border-color:rgb(87, 138, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 138, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(87, 138,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 126.9690, 23.6793, -35.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 138, 175) }
```

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

```
.background{ background-color: rgb(87, 138,  
175) }
```

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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