

Converting Colors

YUV(130.3560, 3.2755,
-23.9912)

Have a look what the booklet for
YUV(130.3560, 3.2755, -23.9912)
contains.

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Color

**YUV(130.3560, 3.2755,
-23.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	678F89
RGB	103, 143, 137
RGB Percent	40%, 56%, 54%
CMY	0.5961, 0.4392, 0.4627
CMYK	0.28, 0.00, 0.04, 0.44
HSL	171°, 16%, 48%
HSV	171°, 28%, 56%
XYZ	19.9313, 24.3346, 27.3135
YIQ	130.3560, -21.9140, -10.3460

Conversions

Conversions Part 2

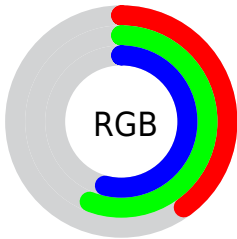
Format	Color
R_{YB}	103, 125, 143
Decimal	6786953
CIE _{Lab}	56.42, -15.11, -1.27
CIE _{LCh}	56, 15.160, 184.808
Yxy	24.3346, 0.2785, 0.3400
Android (android.graphics.Color)	4284977033 (0xFF678F89)
YUV	130.3560, 3.2755, -23.9912
Hunter-Lab	49.3301, -14.2067, 1.7030

Details

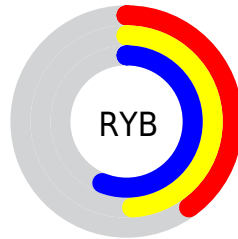
The YUV color `130.3560, 3.2755, -23.9912` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `115.6440, -3.2755, 23.9912`, and the grayscale version is `130.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `183.6440, 3.1335, -25.1208`, and `80.6550, 3.1281, -23.3764` is the 20% darker color. If you saturate the color by 10%, you get `125.9420, 4.4656, -32.3981`, and if you desaturate by 10%, it is `134.7700, 2.0854, -15.5843`.

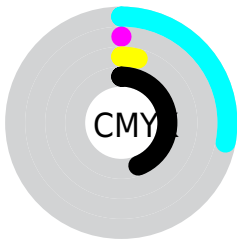
Distribution



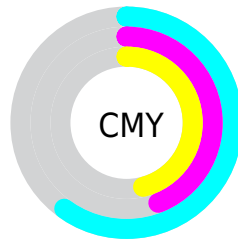
- Red (40%)
- Green (56%)
- Blue (54%)



- Red (40%)
- Yellow (49%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3560, 3.2755, -23.9912 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 130.3560, 3.2755, -23.9912 by changing the saturation by 10% instead.

■ 130.3560, 3.2755,
-23.9912

■ 130.3560, 3.2755,
-23.9912

■ 255.0000, 0.0000,
0.0000

■ 104.7690, 3.5649,
-23.4764

■ 183.6440, 3.1335,
-25.1208

■ 80.6550, 3.1281,
-23.3764

■ 211.3450, 3.2809,
-25.7356

■ 56.7690, 3.5649,
-23.4764

■ 240.0460, 3.4283,
-26.3503

■ 33.2850, 4.2965,
-24.8059

■ 250.2160, 2.3585,
-9.8364

■ 18.3570, 1.7960,
-16.0991

■ 0.0000, 0.0000,
0.0000

■ 130.3560, 3.2755,
-23.9912

■ 130.3560, 3.2755,
-23.9912

■ 125.9420, 4.4656,
-32.3981

■ 134.7700, 2.0854,
-15.5843

■ 121.2290, 5.8031,
-41.4198

■ 139.4830, 0.7479,
-6.5626

■ 116.8150, 6.9932,
-49.8268

■ 143.8970, -0.4422,
1.8443

■ 112.2870, 7.7465,
-58.1337

■ 148.4250, -1.1955,
10.1513

■ 107.8730, 8.9366,
-66.5406

■ 153.1380, -2.5330,
19.1730

■ 103.1600, 10.2741,
-75.5623

■ 157.5520, -3.7231,
27.5799

■ 98.7460, 11.4642,
-83.9692


■ 161.9660, -4.9132,
35.9868

■ 97.8490, 11.9064,

■ 166.3800, -6.1033,

-85.8136

44.3937

 171.0930, -7.4408,
53.4154

Harmonies

Analogous

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



131.5760, -3.7350, -15.4142



130.3560, 3.2755, -23.9912



130.3540, 9.6855, -26.6205

Triad

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



130.3560, 3.2755, -23.9912



136.6550, 10.0301, 2.9336



136.0100, -11.8369, 16.6542

Complementary

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



130.3560, 3.2755, -23.9912



115.6440, -3.2755, 23.9912

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.



136.7810, -7.7800, 22.1171



130.3560, 3.2755, -23.9912



137.9400, 4.4666, 14.0846

Square

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



130.3560, 3.2755, -23.9912



134.9630, 12.8362, -10.4916



137.6760, -1.8123, 21.3321



134.4280, -12.5360, 7.5176

Rectangle

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



130.3560, 3.2755, -23.9912



131.6470, 12.0060, -24.2464



137.6760, -1.8123, 21.3321



135.9610, -10.8268, 19.3282

Sweetspot

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



130.3560, 3.2755, -23.9912



181.2870, 1.3375, -9.0217



128.2740, -12.4601, -16.9033



91.1950, 0.8899, -5.4330



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



130.3560, 3.2755, -23.9912



166.1370, 5.3555, -37.8311



123.4090, 9.6584, -17.8987



68.7930, 0.5951, -4.2035



92.3550, 11.1640, -80.9953



5.4940, 0.7425, -4.8182

Inverse Universe

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



115.6440, -3.2755, 23.9912



142.8630, -5.3555, 37.8311



123.1780, -9.9478, 17.3839



66.2070, -0.5951, 4.2035



42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 130.3560, 3.2755, -23.9912 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 130.3560, 3.2755, -23.9912 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 130.3560, 3.2755, -23.9912

Background



This preview shows how black text looks on a background with the YUV color 130.3560, 3.2755, -23.9912.



This preview shows how white text looks on a background with the YUV color 130.3560, 3.2755, -23.9912.

-23.9912.

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

130.3560, 3.2755, -23.9912

Protanopia

134.9680, -1.4632, 2.6591

Deuteranopia

136.5110, 1.7201, 8.3219



Tritanopia

131.7890, 9.9640, -22.6170

Trichromacy



Original Color

130.3560, 3.2755, -23.9912

Protanomaly

133.0700, 0.4585, -7.0774

Deuteranomaly

133.9610, 2.4842, -3.4738

Tritanomaly

131.5070, 7.6380, -23.2466

Monochromacy



Original Color

130.3560, 3.2755, -23.9912

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2870, 1.3375, -9.0217

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3560, 3.2755, -23.9912 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(103, 143, 137)` looks like.

```
.text, #text, p{  
    color:rgb(103, 143, 137)  
}
```

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(103, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 143, 137) }
```

Border

The CSS property to change the border of an element to YUV 130.3560, 3.2755, -23.9912 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(103, 143, 137) }
```


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

```
.border{ border-color:rgb(103, 143, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(103, 143,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 130.3560, 3.2755, -23.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 143, 137) }
```

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

```
.background{ background-color: rgb(103,  
143, 137) }
```

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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