

Converting Colors

YUV(112.7180, 10.9850,
-23.4317)

Have a look what the booklet for
YUV(112.7180, 10.9850, -23.4317)
contains.

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Color

**YUV(112.7180, 10.9850,
-23.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	567A87
RGB	86, 122, 135
RGB Percent	34%, 48%, 53%
CMY	0.6627, 0.5216, 0.4706
CMYK	0.36, 0.10, 0.00, 0.47
HSL	196°, 22%, 43%
HSV	196°, 36%, 53%
XYZ	15.1705, 17.6468, 25.5283
YIQ	112.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

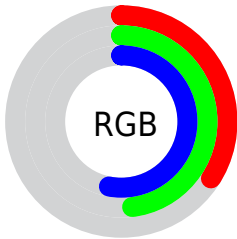
Format	Color
R _Y B	86, 107, 135
Decimal	5667463
CIE Lab	49.06, -9.23, -11.14
CIE LCh	49, 14.471, 230.364
Yxy	17.6468, 0.2600, 0.3025
Android (android.graphics.Color)	4283857543 (0xFF567A87)
YUV	112.7180, 10.9850, -23.4317
Hunter-Lab	42.0081, -9.0520, -6.6249

Details

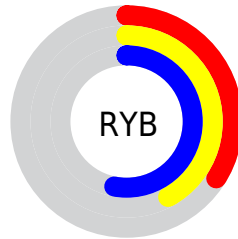
The YUV color **112.7180, 10.9850, -23.4317** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **108.2820, -10.9850, 23.4317**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8320, 11.4218, -23.5317**, and **63.6040, 10.5482, -23.3317** is the 20% darker color. If you saturate the color by 10%, you get **106.4830, 14.0589, -29.3646**, and if you desaturate by 10%, it is **119.2520, 7.7638, -16.8840**.

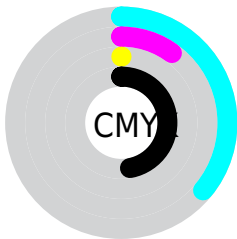
Distribution



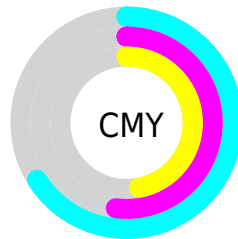
- Red (34%)
- Green (48%)
- Blue (53%)



- Red (34%)
- Yellow (42%)
- Blue (53%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (66%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7180, 10.9850, -23.4317 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 112.7180, 10.9850, -23.4317 by changing the saturation by 10% instead.

■ 112.7180, 10.9850,
-23.4317

■ 112.7180, 10.9850,
-23.4317

■ 255.0000, 0.0000,
0.0000

■ 87.7180, 10.9850,
-23.4317

■ 164.8320, 11.4218,
-23.5317

■ 63.6040, 10.5482,
-23.3317

■ 192.2340, 11.7166,
-24.7612

■ 39.9950, 10.8485,
-26.3056

■ 220.2340, 11.7166,
-24.7612

■ 22.1700, 8.7902,
-19.4431

■ 244.5350, 5.1592,
-21.5172

■ 2.8670, 8.4466,
-2.5144

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 112.7180, 10.9850,
-23.4317

■ 112.7180, 10.9850,
-23.4317

■ 106.4830, 14.0589,
-29.3646

■ 119.2520, 7.7638,
-16.8840

■ 100.5360, 16.9908,
-36.4271

■ 124.9000, 4.9793,
-10.4363

■ 94.3010, 20.0646,
-42.3600

■ 131.4340, 1.7580,
-3.8886

■ 88.3540, 22.9965,
-49.4225

■ 137.0820, -1.0264,
2.5591

■ 82.1190, 26.0703,
-55.3554

■ 143.6160, -4.2477,
9.1068

■ 76.1720, 29.0022,
-62.4178


■ 149.2640, -7.0322,
15.5545

■ 73.5030, 30.3180,
-64.4621

■ 155.7980,
-10.2534, 22.1022

■ 162.0330,

-13.3273, 28.0351

 167.9800,
-16.2591, 35.0975

Harmonies

Analogous

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



112.1540, 6.3331, -24.6911



112.7180, 10.9850, -23.4317



115.1150, 12.2683, -15.0099

Triad

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



112.7180, 10.9850, -23.4317



118.7510, 1.1088, 17.7584



114.9650, -10.3357, 1.7847

Complementary

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



112.7180, 10.9850, -23.4317



108.2820, -10.9850, 23.4317

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.



116.3900, -11.5313, 11.9360



112.7180, 10.9850, -23.4317



118.2800, -4.5750, 20.8024

Square

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



112.7180, 10.9850, -23.4317



118.7760, 6.5194, 8.9664



117.8900, -9.8058, 18.5135



113.9250, -6.3720, -9.5812

Rectangle

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



112.7180, 10.9850, -23.4317



116.3440, 11.6624, -7.3177



117.8900, -9.8058, 18.5135



115.7590, -11.2202, 5.4734

Sweetspot

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



112.7180, 10.9850, -23.4317



167.3840, 4.2477, -9.1068



116.1310, -8.9386, -26.4249



83.9500, 2.4896, -5.2182



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.7180, 10.9850, -23.4317



140.6500, 17.4275, -36.5271



98.6300, 17.9304, -11.0765



63.6190, 1.1738, -3.1739



71.1720, 29.0022, -62.4178



1.5160, 0.7316, -1.3295

Inverse Universe

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



104.7550, 8.5018, 26.5249



128.4070, 13.1103, 41.7391



122.3700, -17.9304, 11.0765



62.3640, 1.2995, 3.1888



49.8140, 22.7697, 70.3231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 112.7180, 10.9850, -23.4317 looks on a white 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

Black Background



This preview shows how the YUV color 112.7180, 10.9850, -23.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

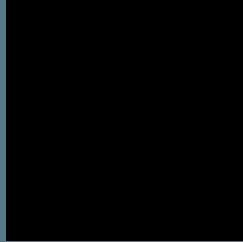
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.7180, 10.9850, -23.4317

Background



This preview shows how black text looks on a background with the YUV color 112.7180, 10.9850, -23.4317.



This preview shows how white text looks on a background with the YUV color 112.7180, 10.9850, -23.4317.

-23.4317.

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

112.7180, 10.9850, -23.4317

Protanopia

116.5250, 7.1362, -2.2144

Deuteranopia

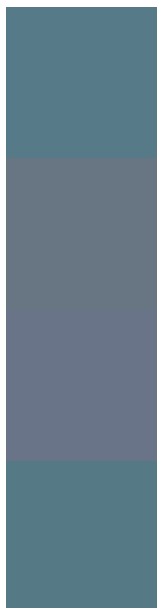
117.2310, 9.7461, 0.6744



Tritanopia

112.0770, 9.8220, -23.7465

Trichromacy



Original Color

112.7180, 10.9850, -23.4317

Protanomaly

115.4100, 8.1789, -10.0066

Deuteranomaly

115.2900, 10.2100, -8.1473

Tritanomaly

112.1910, 10.2588, -23.8465

Monochromacy



Original Color

112.7180, 10.9850, -23.4317

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6830, 4.1003, -8.4920

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7180, 10.9850, -23.4317 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(86, 122, 135)` looks like.

```
.text, #text, p{  
    color:rgb(86, 122, 135)  
}
```

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(86, 122, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 122, 135) }
```

Border

The CSS property to change the border of an element to YUV 112.7180, 10.9850, -23.4317 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(86, 122, 135) }
```


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

```
.border{ border-color:rgb(86, 122, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 122, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 122, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 122, 135);  
box-shadow:4px 4px 4px 4px rgb(86, 122,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 112.7180, 10.9850, -23.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 122, 135) }
```

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

```
.background{ background-color: rgb(86, 122,  
135) }
```

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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