

Converting Colors

YUV(128.1740, 12.7322,
-23.8316)

Have a look what the booklet for
YUV(128.1740, 12.7322, -23.8316)
contains.

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Color

**YUV(128.1740, 12.7322,
-23.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	65899A
RGB	101, 137, 154
RGB Percent	40%, 54%, 60%
CMY	0.6039, 0.4627, 0.3961
CMYK	0.34, 0.11, 0.00, 0.40
HSL	199°, 21%, 50%
HSV	199°, 34%, 60%
XYZ	20.1452, 22.9911, 33.9478
YIQ	128.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

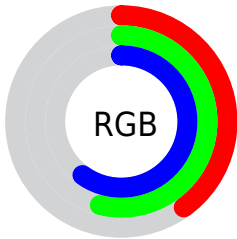
Format	Color
R_{YB}	101, 122, 154
Decimal	6654362
CIE Lab	55.06, -8.19, -13.09
CIE LCh	55, 15.446, 237.964
Yxy	22.9911, 0.2613, 0.2983
Android (android.graphics.Color)	4284844442 (0xFF65899A)
YUV	128.1740, 12.7322, -23.8316
Hunter-Lab	47.9491, -8.9162, -8.4128

Details

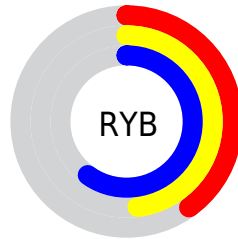
The YUV color **128.1740, 12.7322, -23.8316** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **126.8260, -12.7322, 23.8316**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2880, 13.1690, -23.9316**, and **78.0600, 12.2954, -23.7316** is the 20% darker color. If you saturate the color by 10%, you get **120.7540, 16.3903, -30.4793**, and if you desaturate by 10%, it is **135.5940, 9.0742, -17.1839**.

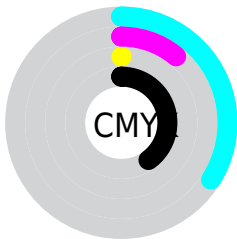
Distribution



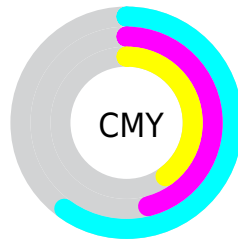
- Red (40%)
- Green (54%)
- Blue (60%)



- Red (40%)
- Yellow (48%)
- Blue (60%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1740, 12.7322, -23.8316 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 128.1740, 12.7322, -23.8316 by changing the saturation by 10% instead.

■ 128.1740, 12.7322,
-23.8316

■ 128.1740, 12.7322,
-23.8316

■ 255.0000, 0.0000,
0.0000

■ 103.0600, 12.2954,
-23.7316

■ 181.2880, 13.1690,
-23.9316

■ 78.0600, 12.2954,
-23.7316

■ 209.1030, 13.7532,
-24.6463

■ 54.3480, 12.1534,
-24.8612

■ 236.5500, 9.0958,
-24.1614

■ 31.0380, 12.3063,
-27.2203

■ 249.6180, 2.6533,
-11.0660

■ 16.7900, 8.4845,
-14.7248

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 128.1740, 12.7322,
-23.8316

■ 128.1740, 12.7322,
-23.8316

■ 120.7540, 16.3903,
-30.4793

■ 135.5940, 9.0742,
-17.1839

■ 113.0350, 20.1957,
-37.7417

■ 143.3130, 5.2687,
-9.9215

■ 105.6150, 23.8538,
-44.3894

■ 150.7330, 1.6106,
-3.2738

■ 97.8960, 27.6593,
-51.6518

■ 158.4520, -2.1948,
3.9886

■ 90.4760, 31.3173,
-58.2995

■ 165.8720, -5.8529,
10.6363

■ 83.0560, 34.9754,
-64.9471

■ 173.2920, -9.5110,
17.2839

■ 79.1910, 36.8808,
-69.4505

■ 181.0110,
-13.3164, 24.5464

■ 188.4310,
-16.9745, 31.1940

■ 195.5630,
-20.4906, 38.9712

Harmonies

Analogous

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



126.7130, 8.5225, -26.9353



128.1740, 12.7322, -23.8316



130.4680, 13.5733, -13.5654

Triad

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



128.1740, 12.7322, -23.8316



134.6050, -0.7913, 20.5174



130.1280, -10.9091, -0.9893

Complementary

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



128.1740, 12.7322, -23.8316



126.8260, -12.7322, 23.8316

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.



131.6240, -13.1256, 9.9768



128.1740, 12.7322, -23.8316



133.7210, -6.7645, 23.0467

Square

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



128.1740, 12.7322, -23.8316



134.2710, 5.7824, 12.0403



132.5480, -11.1162, 18.8134



128.1310, -5.4876, -13.2699

Rectangle

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



128.1740, 12.7322, -23.8316



132.1810, 12.2358, -4.5437



132.5480, -11.1162, 18.8134



130.2210, -11.9410, 3.3142

Sweetspot

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



128.1740, 12.7322, -23.8316



191.4980, 4.6845, -9.2067



134.0490, -7.9122, -28.9840



96.0640, 2.9264, -5.3181



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



128.1740, 12.7322, -23.8316



161.2200, 19.6115, -37.0269



112.9120, 20.2564, -10.4468



72.8470, 2.0474, -3.3738



71.7250, 33.6596, -62.9028



6.7650, 3.0739, -5.9329

Inverse Universe

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



120.9510, 7.9122, 28.9840



149.9020, 12.3733, 44.8129



142.0880, -20.2564, 10.4468



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 128.1740, 12.7322, -23.8316 looks on a white background.

Color Contrast Check

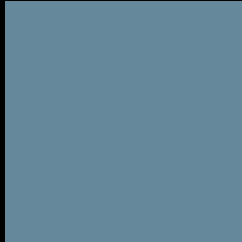
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1740, 12.7322, -23.8316 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 128.1740, 12.7322, -23.8316

Background



This preview shows how black text looks on a background with the YUV color 128.1740, 12.7322, -23.8316.



This preview shows how white text looks on a background with the YUV color 128.1740, 12.7322, -23.8316.

-23.8316.

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

128.1740, 12.7322, -23.8316

Protanopia

131.6820, 9.0308, -3.2291

Deuteranopia

132.3880, 11.6407, -0.3403



Tritanopia

127.8920, 10.4062, -24.4613

Trichromacy



Original Color

128.1740, 12.7322, -23.8316

Protanomaly

130.5670, 10.0735, -11.0213

Deuteranomaly

130.7460, 11.9572, -8.5472

Tritanomaly

128.1200, 11.2798, -24.6612

Monochromacy



Original Color

128.1740, 12.7322, -23.8316

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7970, 4.5371, -8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1740, 12.7322, -23.8316 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(101, 137, 154)` looks like.

```
.text, #text, p{  
    color:rgb(101, 137, 154)  
}
```

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(101, 137, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 137, 154) }
```

Border

The CSS property to change the border of an element to YUV 128.1740, 12.7322, -23.8316 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(101, 137, 154) }
```


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

```
.border{ border-color:rgb(101, 137, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 137, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 137, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 137, 154); box-shadow:4px 4px 4px 4px rgb(101, 137, 154) }
```

Background

The CSS property to change the background color of an element to YUV 128.1740, 12.7322, -23.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 137, 154) }
```

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

```
.background{ background-color: rgb(101,  
137, 154) }
```

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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