

Converting Colors

YUV(103.6410, 14.4740,
-22.4872)

Have a look what the booklet for
YUV(103.6410, 14.4740, -22.4872)
contains.

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Color

**YUV(103.6410, 14.4740,
-22.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6F85
RGB	78, 111, 133
RGB Percent	31%, 44%, 52%
CMY	0.6941, 0.5647, 0.4784
CMYK	0.41, 0.17, 0.00, 0.48
HSL	204°, 26%, 41%
HSV	204°, 41%, 52%
XYZ	13.0600, 14.6820, 24.3359
YIQ	103.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

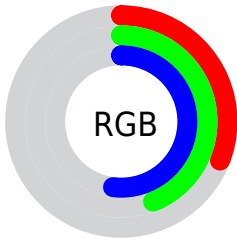
Format	Color
R_{YB}	78, 99, 133
Decimal	5140357
CIE _{Lab}	45.20, -5.76, -15.86
CIE _{LCh}	45, 16.879, 250.035
Yxy	14.6820, 0.2508, 0.2819
Android (android.graphics.Color)	4283330437 (0xFF4E6F85)
YUV	103.6410, 14.4740, -22.4872
Hunter-Lab	38.3171, -6.2153, -10.8341

Details

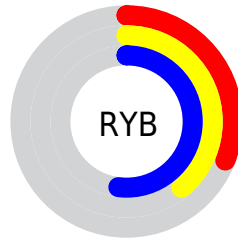
The YUV color **103.6410, 14.4740, -22.4872** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **107.3590, -14.4740, 22.4872**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4560, 15.0582, -23.2019**, and **54.8150, 13.8952, -23.5168** is the 20% darker color. If you saturate the color by 10%, you get **96.8190, 17.8372, -27.9053**, and if you desaturate by 10%, it is **110.4630, 11.1107, -17.0691**.

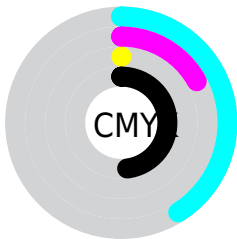
Distribution



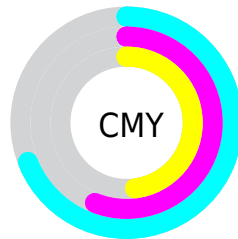
- Red (31%)
- Green (44%)
- Blue (52%)



- Red (31%)
- Yellow (39%)
- Blue (52%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6410, 14.4740, -22.4872 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 103.6410, 14.4740, -22.4872 by changing the saturation by 10% instead.

■ 103.6410, 14.4740,
-22.4872

■ 103.6410, 14.4740,
-22.4872

■ 255.0000, 0.0000,
0.0000

■ 79.2280, 14.1846,
-23.0020

■ 155.4560, 15.0582,
-23.2019

■ 54.8150, 13.8952,
-23.5168

■ 182.5700, 15.4950,
-23.3019

■ 31.4940, 14.0535,
-27.6202

■ 209.6840, 15.9318,
-23.4019

■ 16.6590, 10.5211,
-14.6099

■ 236.8600, 8.9430,
-21.8022

■ 2.5250, 7.1362,
-2.2144

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 103.6410, 14.4740,
-22.4872

■ 103.6410, 14.4740,
-22.4872

■ 96.8190, 17.8372,
-27.9053

■ 110.4630, 11.1107,
-17.0691

■ 89.1110, 21.6373,
-33.4233

■ 118.1710, 7.3107,
-11.5510

■ 82.2890, 25.0005,
-38.8415

■ 124.9930, 3.9475,
-6.1329

■ 75.4670, 28.3638,
-44.2596

■ 131.8150, 0.5842,
-0.7148

■ 67.7590, 32.1638,
-49.7776

■ 139.5230, -3.2158,
4.8033


■ 62.1220, 34.9429,
-54.4810

■ 146.3450, -6.5791,
10.2214

■ 153.1670, -9.9423,
15.6395

■ 160.5760,

-13.5950, 20.5428

 167.6970,
-17.1056, 26.5757

Harmonies

Analogous

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



101.2010, 11.7329, -29.9943



103.6410, 14.4740, -22.4872



106.7890, 13.4150, -9.4620

Triad

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



103.6410, 14.4740, -22.4872



109.3450, -3.1281, 23.3764



104.4370, -9.5824, -6.5222

Complementary

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



103.6410, 14.4740, -22.4872



107.3590, -14.4740, 22.4872

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.



106.1890, -13.4042, 5.9732



103.6410, 14.4740, -22.4872



108.3250, -9.5272, 22.5170

Square

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



103.6410, 14.4740, -22.4872



109.4350, 3.7295, 17.1585



107.3690, -12.9999, 16.3394



102.1950, -2.5611, -18.5880

Rectangle

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



103.6410, 14.4740, -22.4872



107.9860, 11.3459, 0.8893



107.3690, -12.9999, 16.3394



104.4160, -11.0511, -2.1188

Sweetspot

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



103.6410, 14.4740, -22.4872



162.3240, 5.2633, -8.1771



112.7930, -6.3069, -30.5135



80.4770, 3.2158, -4.8033



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



103.6410, 14.4740, -22.4872



127.3280, 22.5163, -35.3677



87.7920, 22.2875, -8.5876



63.0320, 1.4632, -2.6591



60.6060, 34.2112, -53.1515



1.5160, 0.7316, -1.3295

Inverse Universe

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



98.2070, 6.3069, 30.5135



118.6420, 10.0365, 47.6720



123.7950, -22.5769, 8.0728



62.2500, 0.8628, 3.2888



47.7620, 14.9073, 72.1227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 103.6410, 14.4740, -22.4872 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 103.6410, 14.4740, -22.4872 looks on a black 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

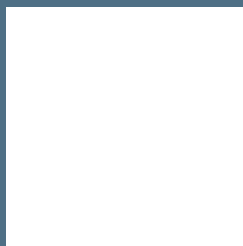
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.6410, 14.4740, -22.4872

Background



This preview shows how black text looks on a background with the YUV color 103.6410, 14.4740, -22.4872.



This preview shows how white text looks on a background with the YUV color 103.6410, 14.4740, -22.4872.

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

103.6410, 14.4740, -22.4872

Protanopia

107.1270, 10.7834, -5.3734

Deuteranopia

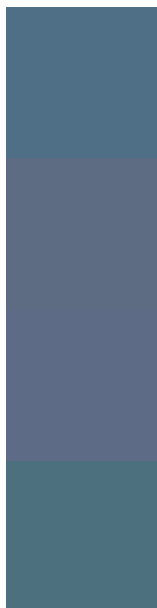
107.7080, 12.9620, -4.1289



Tritanopia

102.6640, 9.5326, -24.2613

Trichromacy



Original Color

103.6410, 14.4740, -22.4872

Protanomaly

106.0230, 11.8207, -11.4212

Deuteranomaly

106.1910, 13.7098, -10.6915

Tritanomaly

102.8320, 11.4218, -23.5317

Monochromacy



Original Color

103.6410, 14.4740, -22.4872

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6410, 14.4740, -22.4872 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(78, 111, 133)` looks like.

```
.text, #text, p{  
    color:rgb(78, 111, 133)  
}
```

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(78, 111, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 111, 133) }
```

Border

The CSS property to change the border of an element to YUV 103.6410, 14.4740, -22.4872 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(78, 111, 133) }
```


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

```
.border{ border-color:rgb(78, 111, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 111, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 111, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 111, 133);  
box-shadow:4px 4px 4px 4px rgb(78, 111,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 103.6410, 14.4740, -22.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 111, 133) }
```

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

```
.background{ background-color: rgb(78, 111,  
133) }
```

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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