

Converting Colors

YUV(103.7350, 8.5116,
-23.4466)

Have a look what the booklet for
YUV(103.7350, 8.5116, -23.4466)
contains.

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Color

**YUV(103.7350, 8.5116,
-23.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7279
RGB	77, 114, 121
RGB Percent	30%, 45%, 47%
CMY	0.6980, 0.5529, 0.5255
CMYK	0.36, 0.06, 0.00, 0.53
HSL	190°, 22%, 39%
HSV	190°, 36%, 47%
XYZ	12.5291, 14.9929, 20.3227
YIQ	103.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

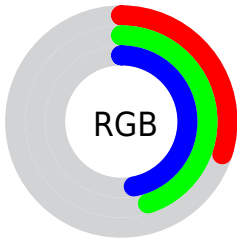
Format	Color
R_{YB}	77, 97, 121
Decimal	5075577
CIE _{Lab}	45.62, -11.16, -8.05
CIE _{LCh}	46, 13.757, 215.808
Yxy	14.9929, 0.2619, 0.3134
Android (android.graphics.Color)	4283265657 (0xFF4D7279)
YUV	103.7350, 8.5116, -23.4466
Hunter-Lab	38.7206, -10.0028, -4.0142

Details

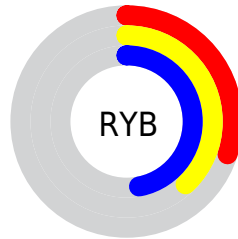
The YUV color **103.7350, 8.5116, -23.4466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94.2650, -8.5116, 23.4466**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4360, 8.6591, -24.0614**, and **55.4360, 8.6591, -24.0614** is the 20% darker color. If you saturate the color by 10%, you get **98.9730, 10.8593, -29.7943**, and if you desaturate by 10%, it is **108.4970, 6.1640, -17.0989**.

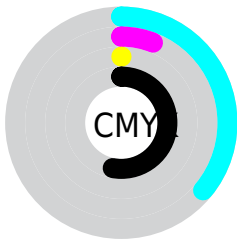
Distribution



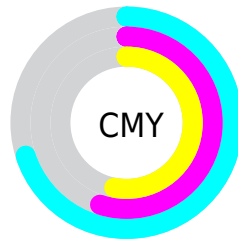
- Red (30%)
- Green (45%)
- Blue (47%)



- Red (30%)
- Yellow (38%)
- Blue (47%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7350, 8.5116, -23.4466 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 103.7350, 8.5116, -23.4466 by changing the saturation by 10% instead.

■ 103.7350, 8.5116,
-23.4466

■ 103.7350, 8.5116,
-23.4466

■ 255.0000, 0.0000,
0.0000

■ 79.0340, 8.3642,
-22.8318

■ 155.4360, 8.6591,
-24.0614

■ 55.4360, 8.6591,
-24.0614

■ 182.2510, 9.2433,
-24.7761

■ 32.1260, 8.8119,
-26.4205

■ 210.2510, 9.2433,
-24.7761

■ 17.3940, 5.7218,
-15.2545

■ 238.6100, 8.0803,
-25.0910

■ 0.1140, 0.4368,
-0.1000

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 103.7350, 8.5116,
-23.4466

■ 103.7350, 8.5116,
-23.4466

■ 98.9730, 10.8593,
-29.7943

■ 108.4970, 6.1640,
-17.0989

■ 94.2110, 13.2070,
-36.1420

■ 113.2590, 3.8163,
-10.7511

■ 89.4490, 15.5546,
-42.4898

■ 118.0210, 1.4686,
-4.4034

■ 84.6870, 17.9023,
-48.8375

■ 122.7830, -0.8790,
1.9443

■ 79.6260, 20.3974,
-55.8000

■ 127.5450, -3.2267,
8.2920

■ 74.8640, 22.7450,
-62.1477

■ 132.6060, -5.7218,
15.2545

■ 73.6680, 23.3347,
-64.6068

■ 136.7810, -7.7800,
22.1171

■ 141.5430,

-10.1277, 28.4648

 146.3050,
-12.4754, 34.8125

Harmonies

Analogous

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



103.6660, 3.1227, -21.6321



103.7350, 8.5116, -23.4466



105.5660, 11.5530, -18.9134

Triad

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



103.7350, 8.5116, -23.4466



110.1140, 3.8878, 13.0550



107.4710, -11.0782, 6.6029

Complementary

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



103.7350, 8.5116, -23.4466



94.2650, -8.5116, 23.4466

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.



108.3410, -10.5211, 14.6099



103.7350, 8.5116, -23.4466



109.9530, -1.9488, 18.4582

Square

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



103.7350, 8.5116, -23.4466



109.3130, 8.7197, 3.2335



109.2860, -7.0430, 19.0432



105.8010, -8.2829, -3.3335

Rectangle

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



103.7350, 8.5116, -23.4466



107.3110, 11.6787, -12.5507



109.2860, -7.0430, 19.0432



108.0800, -11.3784, 9.5768

Sweetspot

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



103.7350, 8.5116, -23.4466



151.1560, 3.3741, -8.9068



103.6260, -9.6756, -23.3510



74.8360, 2.0529, -5.1182



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.7350, 8.5116, -23.4466



130.9120, 13.3544, -36.7568



90.8210, 14.8782, -12.1210



58.6190, 1.1738, -3.1739



75.8850, 24.2137, -66.5511



153.1720, 48.7222, -134.3318

Inverse Universe

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



94.3740, 9.6756, 23.3510



116.2430, 15.1632, 36.6209



107.1790, -14.8782, 12.1210



57.3640, 1.2995, 3.1888



49.3450, 27.4379, 66.3494



99.5160, 55.4546, 133.7285

Previews

White Background



This preview shows how the YUV color 103.7350, 8.5116, -23.4466 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 103.7350, 8.5116, -23.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

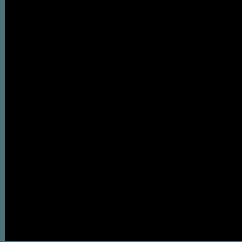
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7350, 8.5116, -23.4466

Background



This preview shows how black text looks on a background with the YUV color 103.7350, 8.5116, -23.4466.



This preview shows how white text looks on a background with the YUV color 103.7350, 8.5116,

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

103.7350, 8.5116, -23.4466

Protanopia

108.1400, 4.3680, -0.9998

Deuteranopia

108.8460, 6.9779, 1.8891



Tritanopia

103.9630, 9.3852, -23.6466

Trichromacy



Original Color

103.7350, 8.5116, -23.4466

Protanomaly

106.7260, 5.5581, -9.4067

Deuteranomaly

106.9050, 7.4418, -6.9327

Tritanomaly

103.8490, 8.9484, -23.5466

Monochromacy



Original Color

103.7350, 8.5116, -23.4466

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0420, 2.9373, -8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7350, 8.5116, -23.4466 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(77, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(77, 114, 121)  
}
```

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(77, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 114, 121) }
```

Border

The CSS property to change the border of an element to YUV 103.7350, 8.5116, -23.4466 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(77, 114, 121) }
```


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

```
.border{ border-color:rgb(77, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(77, 114,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 103.7350, 8.5116, -23.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 114, 121) }
```

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

```
.background{ background-color: rgb(77, 114,  
121) }
```

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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