

Converting Colors

YUV(100.3050, 10.6956,
-23.9465)

Have a look what the booklet for
YUV(100.3050, 10.6956, -23.9465)
contains.

YUV(100.3050, 10.6956, -23.9465)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.3050, 10.6956,
-23.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	496E7A
RGB	73, 110, 122
RGB Percent	29%, 43%, 48%
CMY	0.7137, 0.5686, 0.5216
CMYK	0.40, 0.10, 0.00, 0.52
HSL	195°, 25%, 38%
HSV	195°, 40%, 48%
XYZ	11.8364, 13.9735, 20.4857
YIQ	100.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

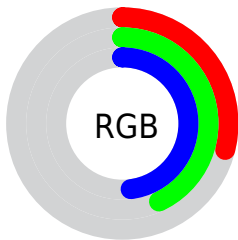
Format	Color
R_{YB}	73, 94, 122
Decimal	4812410
CIE _{Lab}	44.19, -9.77, -10.82
CIE _{LCh}	44, 14.579, 227.906
Yxy	13.9735, 0.2557, 0.3018
Android (android.graphics.Color)	4283002490 (0xFF496E7A)
YUV	100.3050, 10.6956, -23.9465
Hunter-Lab	37.3811, -8.8963, -6.3254

Details

The YUV color **100.3050, 10.6956, -23.9465** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94.6950, -10.6956, 23.9465**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0060, 10.8430, -24.5613**, and **51.5930, 10.5537, -25.0761** is the 20% darker color. If you saturate the color by 10%, you get **94.9560, 13.3327, -29.7794**, and if you desaturate by 10%, it is **105.6540, 8.0586, -18.1136**.

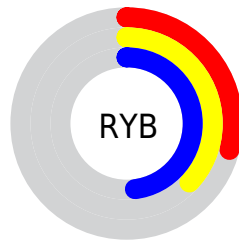
Distribution



Red (29%)

Green (43%)

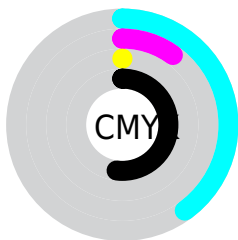
Blue (48%)



Red (29%)

Yellow (37%)

Blue (48%)

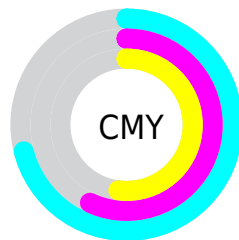


Cyan (40%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (71%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3050, 10.6956, -23.9465 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 100.3050, 10.6956, -23.9465 by changing the saturation by 10% instead.

■ 100.3050, 10.6956,
-23.9465

■ 100.3050, 10.6956,
-23.9465

■ 255.0000, 0.0000,
0.0000

■ 75.8920, 10.4062,
-24.4613

■ 152.0060, 10.8430,
-24.5613

■ 51.5930, 10.5537,
-25.0761

■ 178.8210, 11.4272,
-25.2760

■ 29.2940, 10.7011,
-25.6908

■ 206.2340, 11.7166,
-24.7612

■ 15.7470, 7.0267,
-13.8101

■ 234.1800, 10.2643,
-25.5909

■ 0.2280, 0.8736,
-0.2000

■ 248.7210, 3.0955,
-12.9103

■ 0.0000, 0.0000,
0.0000

■ 100.3050, 10.6956,
-23.9465

■ 100.3050, 10.6956,
-23.9465

■ 94.9560, 13.3327,
-29.7794

■ 105.6540, 8.0586,
-18.1136

■ 89.6070, 15.9697,
-35.6123

■ 111.0030, 5.4215,
-12.2806

■ 83.9590, 18.7542,
-42.0600

■ 116.6510, 2.6371,
-5.8329

■ 78.6100, 21.3913,
-47.8930

■ 122.0000, 0.0000,
0.0000

■ 73.2610, 24.0283,
-53.7259

■ 127.3490, -2.6371,
5.8329

■ 67.9120, 26.6654,
-59.5588

■ 132.6980, -5.2741,
11.6659

■ 138.0470, -7.9112,
17.4988

■ 143.6950,

-10.6956, 23.9465

 149.0440,
-13.3327, 29.7794

Harmonies

Analogous

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



99.3390, 5.7489, -23.9763



100.3050, 10.6956, -23.9465



102.5170, 12.5631, -16.2394

Triad

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



100.3050, 10.6956, -23.9465



106.5660, 1.6930, 17.0436



103.1500, -10.9199, 2.4995

Complementary

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



100.3050, 10.6956, -23.9465



94.6950, -10.6956, 23.9465

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.



104.3900, -11.5313, 11.9360



100.3050, 10.6956, -23.9465



106.3940, -4.1382, 20.7025

Square

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



100.3050, 10.6956, -23.9465



106.2920, 7.2510, 7.6369



105.4170, -9.0796, 18.9283



101.5230, -6.6668, -8.3517

Rectangle

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



100.3050, 10.6956, -23.9465



104.0450, 11.8098, -7.9325



105.4170, -9.0796, 18.9283



103.7590, -11.2202, 5.4734

Sweetspot

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



100.3050, 10.6956, -23.9465



149.3840, 4.2477, -9.1068



103.0170, -9.3754, -26.3249



73.9500, 2.4897, -5.2181



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.



100.3050, 10.6956, -23.9465



124.7100, 16.4120, -37.4567



86.2170, 17.6410, -11.5913



58.6190, 1.1738, -3.1739



69.4280, 27.3970, -60.8884



140.8450, 54.7994, -123.5211

Inverse Universe

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



91.8690, 8.9386, 26.4249



111.3360, 14.1314, 40.9243



108.7830, -17.6410, 11.5913



57.3640, 1.2995, 3.1888



48.0910, 22.6331, 67.4492



97.1220, 46.2819, 135.8280

Previews

White Background



This preview shows how the YUV color 100.3050, 10.6956, -23.9465 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 100.3050, 10.6956, -23.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

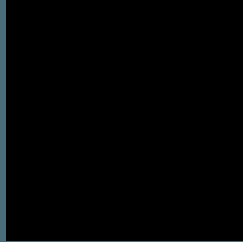
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3050, 10.6956, -23.9465

Background



This preview shows how black text looks on a background with the YUV color 100.3050, 10.6956, -23.9465.



This preview shows how white text looks on a background with the YUV color 100.3050, 10.6956, -23.9465.

-23.9465.

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

100.3050, 10.6956, -23.9465

Protanopia

104.4110, 6.6994, -2.1144

Deuteranopia

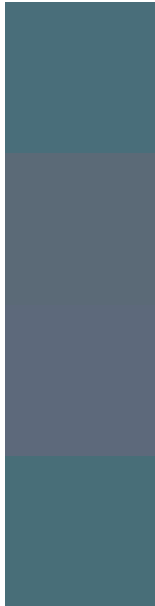
105.4050, 9.1673, -0.3552



Tritanopia

99.6640, 9.5326, -24.2613

Trichromacy



Original Color

100.3050, 10.6956, -23.9465

Protanomaly

102.9970, 7.8895, -10.5214

Deuteranomaly

103.4640, 9.6312, -9.1769

Tritanomaly

99.7780, 9.9694, -24.3613

Monochromacy



Original Color

100.3050, 10.6956, -23.9465

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2700, 3.8109, -9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3050, 10.6956, -23.9465 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(73, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(73, 110, 122)  
}
```

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(73, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 110, 122) }
```

Border

The CSS property to change the border of an element to YUV 100.3050, 10.6956, -23.9465 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(73, 110, 122) }
```


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

```
.border{ border-color:rgb(73, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(73, 110,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 100.3050, 10.6956, -23.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 110, 122) }
```

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

```
.background{ background-color: rgb(73, 110,  
122) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor