

Converting Colors

YUV(101.2550, 13.1853,
-29.1646)

Have a look what the booklet for
YUV(101.2550, 13.1853, -29.1646)
contains.

YUV(101.2550, 13.1853, -29.1646)	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(101.2550, 13.1853,
-29.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	447180
RGB	68, 113, 128
RGB Percent	27%, 44%, 50%
CMY	0.7333, 0.5569, 0.4980
CMYK	0.47, 0.12, 0.00, 0.50
HSL	195°, 31%, 38%
HSV	195°, 47%, 50%
XYZ	12.1853, 14.5977, 22.5975
YIQ	101.2550, -31.6350, -4.8750

Conversions

Conversions Part 2

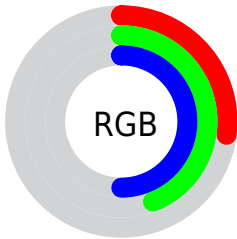
Format	Color
RYB	68, 94, 128
Decimal	4485504
CIELab	45.08, -11.15, -13.11
CIElCh	45, 17.207, 229.606
Yxy	14.5977, 0.2468, 0.2956
Android (android.graphics.Color)	4282675584 (0xFF447180)
YUV	101.2550, 13.1853, -29.1646
Hunter-Lab	38.2070, -9.9333, -8.3222

Details

The YUV color **101.2550, 13.1853, -29.1646** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94.7450, -13.1853, 29.1646**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3690, 13.6221, -29.2646**, and **51.0480, 13.7803, -33.3681** is the 20% darker color. If you saturate the color by 10%, you get **95.6070, 15.9697, -35.6123**, and if you desaturate by 10%, it is **106.9030, 10.4008, -22.7169**.

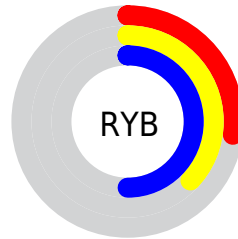
Distribution



Red (27%)

Green (44%)

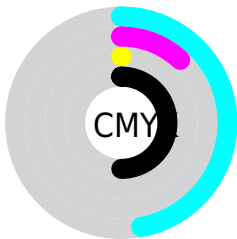
Blue (50%)



Red (27%)

Yellow (37%)

Blue (50%)

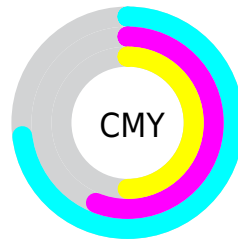


Cyan (47%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (73%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2550, 13.1853, -29.1646 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 101.2550, 13.1853, -29.1646 by changing the saturation by 10% instead.

■ 101.2550, 13.1853,
-29.1646

■ 101.2550, 13.1853,
-29.1646

■ 255.0000, 0.0000,
0.0000

■ 75.9560, 13.3327,
-29.7794

■ 153.3690, 13.6221,
-29.2646

■ 51.0480, 13.7803,
-33.3681

■ 180.0700, 13.7695,
-29.8794

■ 31.6250, 12.0169,
-27.7351

■ 208.1840, 14.2063,
-29.9794

■ 17.3770, 8.1951,
-15.2396

■ 235.0440, 9.8383,
-28.9796

■ 1.2540, 4.8048,
-1.0998

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

101.2550, 13.1853,
-29.1646

101.2550, 13.1853,
-29.1646

95.6070, 15.9697,
-35.6123

106.9030, 10.4008,
-22.7169

89.9590, 18.7542,
-42.0600

112.5510, 7.6164,
-16.2692

84.0230, 21.6807,
-47.3782

118.4870, 4.6899,
-10.9511

78.3750, 24.4651,
-53.8259

124.1350, 1.9054,
-4.5034

72.7270, 27.2496,
-60.2736

129.7830, -0.8790,
1.9443

70.9440, 28.1286,
-62.2179

135.4310, -3.6635,
8.3920

141.0790, -6.4479,
14.8397

147.0150, -9.3744,

20.1578

■ 152.6630,
-12.1589, 26.6055

Harmonies

Analogous

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



100.4630, 7.6597, -30.2241



101.2550, 13.1853, -29.1646



104.1900, 15.1893, -18.5836

Triad

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



101.2550, 13.1853, -29.1646



109.1750, 1.3927, 20.0175



105.0960, -12.3723, 1.6698

Complementary

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



101.2550, 13.1853, -29.1646



94.7450, -13.1853, 29.1646

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.



106.5320, -13.5733, 13.5654



101.2550, 13.1853, -29.1646



108.7750, -5.3121, 23.8763

Square

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



101.2550, 13.1853, -29.1646



108.8300, 7.9718, 9.7961



107.2710, -10.9796, 21.6873



102.9850, -7.3876, -10.5108

Rectangle

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



101.2550, 13.1853, -29.1646



106.3160, 14.1412, -9.0471



107.2710, -10.9796, 21.6873



105.4880, -13.5516, 6.5880

Sweetspot

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



101.2550, 13.1853, -29.1646



155.6010, 5.1267, -11.0511



104.9300, -10.8115, -32.3876



78.0530, 2.9319, -7.0625



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



101.2550, 13.1853, -29.1646



124.6920, 20.3648, -45.3339



83.6450, 21.8670, -13.7207



60.7330, 1.6106, -3.2738



70.9440, 28.1286, -62.2179



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.0700, 10.8115, 32.3876



108.7870, 16.8670, 50.1758



112.3550, -21.8670, 13.7207



59.6630, 1.1521, 3.8035



49.2160, 23.0645, 69.0936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 101.2550, 13.1853, -29.1646 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 101.2550, 13.1853, -29.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

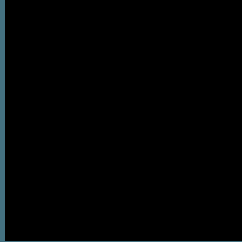
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2550, 13.1853, -29.1646

Background



This preview shows how black text looks on a background with the YUV color 101.2550, 13.1853, -29.1646.



This preview shows how white text looks on a background with the YUV color 101.2550, 13.1853, -29.1646.

-29.1646.

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

101.2550, 13.1853, -29.1646

Protanopia

106.4540, 8.1572, -3.0292

Deuteranopia

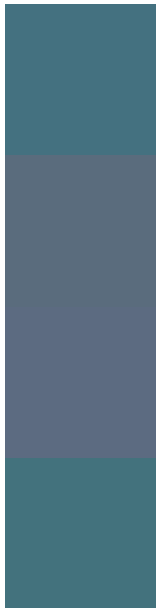
107.2630, 11.2093, -1.9847



Tritanopia

100.6740, 11.0067, -30.4091

Trichromacy



Original Color

101.2550, 13.1853, -29.1646

Protanomaly

104.5560, 10.0789, -12.7656

Deuteranomaly

105.0230, 11.8207, -11.4212

Tritanomaly

101.2010, 11.7329, -29.9943

Monochromacy



Original Color

101.2550, 13.1853, -29.1646

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2550, 13.1853, -29.1646 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(68, 113, 128)` looks like.

```
.text, #text, p{  
    color:rgb(68, 113, 128)  
}
```

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(68, 113, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 113, 128) }
```

Border

The CSS property to change the border of an element to YUV 101.2550, 13.1853, -29.1646 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(68, 113, 128) }
```


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

```
.border{ border-color:rgb(68, 113, 128) }
```

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

Here you see how a box with a 4 pixel rgb(68, 113, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 113, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 113, 128);  
box-shadow:4px 4px 4px 4px rgb(68, 113,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 101.2550, 13.1853, -29.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 113, 128) }
```

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

```
.background{ background-color: rgb(68, 113,  
128) }
```

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