

Converting Colors

YUV(138.8350, 27.1963, 3.6527)

Have a look what the booklet for
YUV(138.8350, 27.1963, 3.6527)
contains.

YUV(138.8350, 27.1963, 3.6527)	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(138.8350, 27.1963,
3.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7EC2
RGB	143, 126, 194
RGB Percent	56%, 49%, 76%
CMY	0.4392, 0.5059, 0.2392
CMYK	0.26, 0.35, 0.00, 0.24
HSL	255°, 36%, 63%
HSV	255°, 35%, 76%
XYZ	28.5262, 24.6564, 54.2946
YIQ	138.8350, -11.6960, 24.7520

Conversions

Conversions Part 2

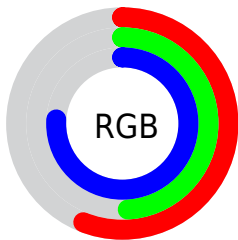
Format	Color
RYB	143, 126, 194
Decimal	9404098
CIELab	56.74, 21.23, -33.18
CIElCh	57, 39.397, 302.613
Yxy	24.6564, 0.2654, 0.2294
Android (android.graphics.Color)	4287594178 (0xFF8F7EC2)
YUV	138.8350, 27.1963, 3.6527
Hunter-Lab	49.6552, 15.6489, -30.0710

Details

The YUV color **138.8350, 27.1963, 3.6527** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **181.1650, -27.1963, -3.6527**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8890, 28.6487, 4.4823**, and **88.3680, 25.4546, 2.3083** is the 20% darker color. If you saturate the color by 10%, you get **123.1970, 34.9059, 4.2122**, and if you desaturate by 10%, it is **154.4730, 19.4868, 3.0932**.

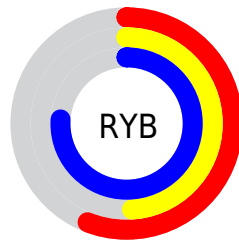
Distribution



Red (56%)

Green (49%)

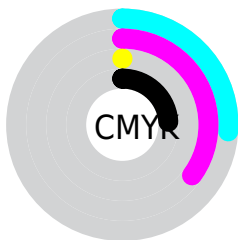
Blue (76%)



Red (56%)

Yellow (49%)

Blue (76%)

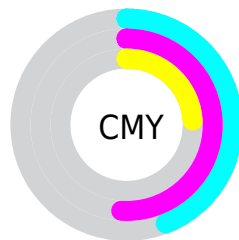


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8350, 27.1963, 3.6527 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 138.8350, 27.1963, 3.6527 by changing the saturation by 10% instead.

■ 138.8350, 27.1963,
3.6527

■ 138.8350, 27.1963,
3.6527

■ 255.0000, 0.0000,
0.0000

■ 113.3080, 26.4702,
3.2379

■ 192.8890, 28.6487,
4.4823

■ 88.3680, 25.4546,
2.3083

■ 217.5660, 18.4550,
7.3966

■ 64.4280, 24.4390,
1.3786

■ 243.2600, 5.7878,
10.2960

■ 41.1890, 23.5708,
-0.1658

■ 18.7540, 23.2923,
-4.1693

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 138.8350, 27.1963,
3.6527

■ 138.8350, 27.1963,
3.6527

■ 123.1970, 34.9059,
4.2122

■ 154.4730, 19.4868,
3.0932

■ 107.2710, 42.7574,
5.9013

■ 170.3990, 11.6353,
1.4041

■ 91.6330, 50.4669,
6.4609

■ 186.0370, 3.9258,
0.8446

■ 75.7070, 58.3184,
8.1500

■ 201.9630, -3.9258,
-0.8446

■ 60.0690, 66.0280,
8.7095

■ 217.6010,
-11.6353, -1.4041

■ 44.7300, 73.5901,
9.8838

■ 232.9400,
-19.1974, -2.5784

■ 36.7670, 77.5159,
10.7283

■ 245.0560,
-25.1706, -0.0491

■ 248.0460,
-26.6447, 6.0987

Harmonies

Analogous

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



130.2640, 36.3518, -39.6965



138.8350, 27.1963, 3.6527



140.1890, 13.7108, 35.7912

Triad

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



138.8350, 27.1963, 3.6527



135.2830, -29.2265, 40.9708



106.1300, 15.7119, -93.0760

Complementary

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



138.8350, 27.1963, 3.6527



181.1650, -27.1963, -3.6527

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.



122.8040, -9.7634, -41.9241



138.8350, 27.1963, 3.6527



132.8150, -32.9398, 18.5792

Square

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



138.8350, 27.1963, 3.6527



136.7590, -17.6292, 54.5854



129.3600, -26.3065, -9.0857



109.4190, 30.8524, -95.9605

Rectangle

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



138.8350, 27.1963, 3.6527



139.2310, 3.3371, 49.7864



129.3600, -26.3065, -9.0857



112.8460, 6.4849, -73.5329

Sweetspot

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



138.8350, 27.1963, 3.6527



230.1710, 10.7617, 1.6040



163.6890, 14.9433, -33.0533



114.1340, 6.8359, 0.7595



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.8350, 27.1963, 3.6527



166.1570, 42.3206, 6.0013



149.0010, 22.1845, 24.5551



89.0370, 3.9258, 0.8446



30.3140, 64.4282, 8.4946



6.1540, 13.2351, 1.6189

Inverse Universe

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



152.1460, 12.2530, 36.7060



186.8140, 19.3187, 57.1681



170.9990, -22.1845, -24.5551



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 138.8350, 27.1963, 3.6527 looks on a white background.

Color Contrast Check

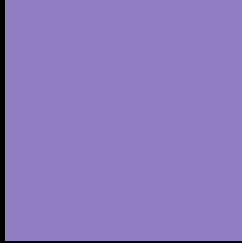
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8350, 27.1963, 3.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

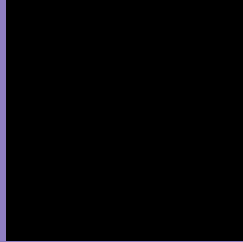
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.8350, 27.1963, 3.6527

Background



This preview shows how black text looks on a background with the YUV color 138.8350, 27.1963, 3.6527.



This preview shows how white text looks on a background with the YUV color 138.8350, 27.1963, 3.6527.

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

138.8350, 27.1963, 3.6527

Protanopia

135.5440, 31.7768, -18.8941

Deuteranopia

135.8170, 27.6982, -17.3795



Tritanopia

136.5420, 4.6628, -2.2293

Trichromacy



Original Color

138.8350, 27.1963, 3.6527

Protanomaly

136.8440, 30.1499, -10.3872

Deuteranomaly

137.1600, 27.5291, -9.7873

Tritanomaly

137.0290, 12.8037, -0.0254

Monochromacy



Original Color

138.8350, 27.1963, 3.6527

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6440, 10.0355, 1.1892

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8350, 27.1963, 3.6527 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(143, 126, 194)` looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 194)  
}
```

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(143, 126, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 194) }
```

Border

The CSS property to change the border of an element to YUV 138.8350, 27.1963, 3.6527 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(143, 126, 194) }
```


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

```
.border{ border-color:rgb(143, 126, 194) }
```

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

Here you see how a box with a 4 pixel rgb(143, 126, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 126, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 126, 194);  
box-shadow:4px 4px 4px 4px rgb(143, 126,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 138.8350, 27.1963, 3.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 126, 194) }
```

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

```
.background{ background-color: rgb(143,  
126, 194) }
```

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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