

Converting Colors

YUV(127.0290, 12.8037,
-0.0254)

Have a look what the booklet for
YUV(127.0290, 12.8037, -0.0254)
contains.

YUV(127.0290, 12.8037, -0.0254)	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(127.0290, 12.8037,
-0.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7A99
RGB	127, 122, 153
RGB Percent	50%, 48%, 60%
CMY	0.5020, 0.5216, 0.4000
CMYK	0.17, 0.20, 0.00, 0.40
HSL	250°, 13%, 54%
HSV	250°, 20%, 60%
XYZ	21.4617, 20.7310, 33.0073
YIQ	127.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

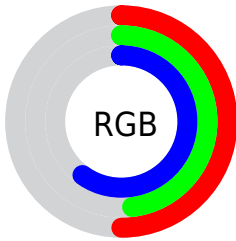
Format	Color
R_{YB}	127, 122, 153
Decimal	8354457
CIE _{Lab}	52.65, 8.55, -15.98
CIE _{LCh}	53, 18.127, 298.139
Yxy	20.7310, 0.2854, 0.2757
Android (android.graphics.Color)	4286544537 (0xFF7F7A99)
YUV	127.0290, 12.8037, -0.0254
Hunter-Lab	45.5313, 4.4582, -11.1096

Details

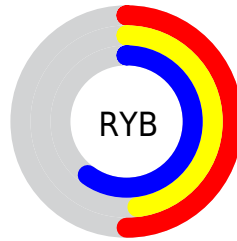
The YUV color $127.0290, 12.8037, -0.0254$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $147.9710, -12.8037, 0.0254$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.5560, 13.5299, 0.3894$, and $77.5020, 12.0775, -0.4403$ is the 20% darker color. If you saturate the color by 10%, you get $114.3370, 19.0609, -0.2955$, and if you desaturate by 10%, it is $139.7210, 6.5465, 0.2447$.

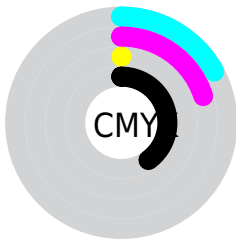
Distribution



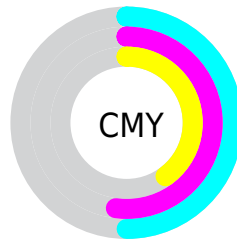
- Red (50%)
- Green (48%)
- Blue (60%)



- Red (50%)
- Yellow (48%)
- Blue (60%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0290, 12.8037, -0.0254 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 127.0290, 12.8037, -0.0254 by changing the saturation by 10% instead.

■ 127.0290, 12.8037,
-0.0254

■ 127.0290, 12.8037,
-0.0254

255.0000, 0.0000,
0.0000

■ 101.9150, 12.3669,
0.0745

■ 179.5560, 13.5299,
0.3894

■ 77.5020, 12.0775,
-0.4403

■ 207.6700, 13.9667,
0.2894

■ 54.9750, 11.3513,
-0.8551

■ 234.6440, 10.0355,
1.1892

■ 33.4480, 10.6251,
-1.2699

■ 10.3990, 11.6353,
1.4041

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 127.0290, 12.8037,
-0.0254

■ 127.0290, 12.8037,
-0.0254

■ 114.3370, 19.0609,
-0.2955

■ 139.7210, 6.5465,
0.2447

■ 101.0580, 25.6074,
-0.0509

■ 153.0000, 0.0000,
0.0000

■ 88.6650, 31.7172,
0.2938

■ 165.3930, -6.1097,
-0.3447

■ 75.9730, 37.9743,
0.0237

■ 178.0850,
-12.3669, -0.0745

■ 63.2810, 44.2315,
-0.2464

■ 191.3640,
-18.9135, -0.3192

■ 50.0020, 50.7780,
-0.0018

■ 204.0560,
-25.1706, -0.0491

■ 37.3100, 57.0352,
-0.2719

■ 216.7480,
-31.4278, 0.2210

■ 24.9170, 63.1449,
0.0728

■ 229.4400,
-37.6849, 0.4911

■ 239.4850,
-42.6371, 2.2057

Harmonies

Analogous

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



124.0270, 15.7627, -15.8097



127.0290, 12.8037, -0.0254



128.2220, 6.7926, 14.7143

Triad

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



127.0290, 12.8037, -0.0254



126.4020, -13.0162, 21.5724



119.1060, 2.4127, -27.2800

Complementary

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



127.0290, 12.8037, -0.0254



147.9710, -12.8037, 0.0254

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.



121.5930, -6.2083, -15.4291



127.0290, 12.8037, -0.0254



124.8800, -14.7308, 11.5062

Square

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



127.0290, 12.8037, -0.0254



127.2160, -7.5015, 26.1206



123.3730, -12.5089, -1.2041



118.8370, 10.4334, -33.1830

Rectangle

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



127.0290, 12.8037, -0.0254



128.3000, 1.8241, 21.6619



123.3730, -12.5089, -1.2041



120.0310, -0.5083, -23.7062

Sweetspot

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



127.0290, 12.8037, -0.0254



188.9660, 4.9468, 0.0298



140.7960, 6.0166, -16.4841



93.3960, 2.7628, 0.5297



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.0290, 12.8037, -0.0254



158.8640, 19.7870, 0.1193



131.5140, 10.5926, 9.1962



70.2110, 3.3470, -0.1850



22.8370, 57.7614, 0.1430



2.0800, 5.3836, -0.0702

Inverse Universe

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



134.2330, 6.7871, 16.4587



169.9120, 10.3964, 25.5102



143.4860, -10.5926, -9.1962



72.0760, 1.4415, 4.3183



55.3120, 30.9052, 74.2714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 127.0290, 12.8037, -0.0254 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 127.0290, 12.8037, -0.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

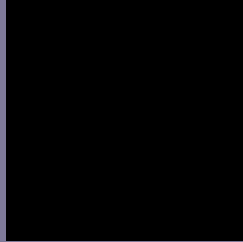
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0290, 12.8037, -0.0254

Background



This preview shows how black text looks on a background with the YUV color 127.0290, 12.8037, -0.0254.



This preview shows how white text looks on a background with the YUV color 127.0290, 12.8037, -0.0254.

-0.0254.

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

127.0290, 12.8037, -0.0254

Protanopia

126.0390, 14.2778, -6.1732

Deuteranopia

126.7190, 12.9565, -2.3846



Tritanopia

125.8410, 4.5154, -1.6146

Trichromacy



Original Color

127.0290, 12.8037, -0.0254

Protanomaly

126.2350, 13.6881, -3.7141

Deuteranomaly

127.0180, 12.8091, -1.7698

Tritanomaly

126.3510, 7.7150, -1.1848

Monochromacy



Original Color

127.0290, 12.8037, -0.0254

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0290, 12.8037, -0.0254 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(127, 122, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 122, 153)  
}
```

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(127, 122, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 122, 153) }
```

Border

The CSS property to change the border of an element to YUV 127.0290, 12.8037, -0.0254 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(127, 122, 153) }
```


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

```
.border{ border-color:rgb(127, 122, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 122, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 122, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 122, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 122,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 127.0290, 12.8037, -0.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 122, 153) }
```

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

```
.background{ background-color: rgb(127,  
122, 153) }
```

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