

Converting Colors

YUV(122.8420, -20.6281,
-10.3854)

Have a look what the booklet for
YUV(122.8420, -20.6281, -10.3854)
contains.

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Color

**YUV(122.8420, -20.6281,
-10.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8951
RGB	111, 137, 81
RGB Percent	44%, 54%, 32%
CMY	0.5647, 0.4627, 0.6824
CMYK	0.19, 0.00, 0.41, 0.46
HSL	88°, 26%, 43%
HSV	88°, 41%, 54%
XYZ	16.9864, 21.8649, 11.1097
YIQ	122.8420, 2.4800, -22.9280

Conversions

Conversions Part 2

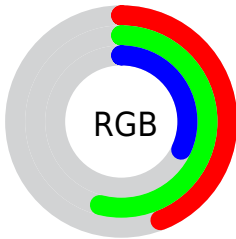
Format	Color
R_{YB}	81, 137, 107
Decimal	7309649
CIE _{Lab}	53.88, -19.58, 27.03
CIE _{LCh}	54, 33.380, 125.922
Yxy	21.8649, 0.3400, 0.4376
Android (android.graphics.Color)	4285499729 (0xFF6F8951)
YUV	122.8420, -20.6281, -10.3854
Hunter-Lab	46.7599, -16.9865, 18.6453

Details

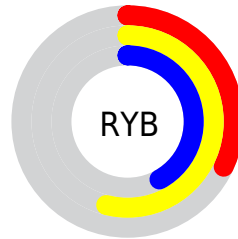
The YUV color $122.8420, -20.6281, -10.3854$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $95.1580, 20.6281, 10.3854$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.5000, -21.9385, -10.0855$, and $73.5970, -19.0283, -10.1706$ is the 20% darker color. If you saturate the color by 10%, you get $119.4520, -25.8588, -12.6744$, and if you desaturate by 10%, it is $126.2320, -15.3974, -8.0965$.

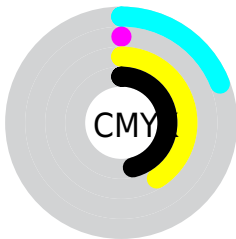
Distribution



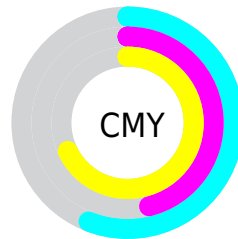
- Red (44%)
- Green (54%)
- Blue (32%)



- Red (32%)
- Yellow (54%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)



- Cyan (56%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8420, -20.6281, -10.3854 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 122.8420, -20.6281, -10.3854 by changing the saturation by 10% instead.

■ 122.8420,
-20.6281, -10.3854

■ 122.8420,
-20.6281, -10.3854

■ 255.0000, 0.0000,
0.0000

■ 97.9560, -20.1913,
-10.4854

■ 175.5000,
-21.9385, -10.0855

■ 73.5970, -19.0283,
-10.1706

■ 202.9730,
-22.6647, -10.5003

■ 50.2980, -18.8809,
-10.7853

■ 231.5600,
-22.9541, -11.0151

■ 29.4490, -14.5184,
-10.0408

■ 248.0050,
-17.7505, -0.0044

■ 12.9140, -6.3666,
-11.3256

■ 253.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 122.8420,
-20.6281, -10.3854

■ 122.8420,
-20.6281, -10.3854

■ 119.4520,
-25.8588, -12.6744

■ 126.2320,
-15.3974, -8.0965

■ 115.8770,
-30.5054, -15.6781

■ 129.8070,
-10.7509, -5.0927

■ 112.4870,
-35.7361, -17.9671

■ 133.1970, -5.5201,
-2.8038

■ 109.0970,
-40.9668, -20.2561

■ 136.5870, -0.2894,
-0.5148

■ 105.5220,
-45.6133, -23.2598

■ 140.2760, 4.7939,
2.3889

■ 102.2460,
-50.4073, -25.6487

■ 143.5520, 9.5879,
4.7779

■ 147.2410, 14.6712,
7.6816

■ 150.6310, 19.9019,

9.9706

■ 153.9070, 24.6958,
12.3596

Harmonies

Analogous

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



126.2750, -27.2506, 13.7908



122.8420, -20.6281, -10.3854



117.6350, -6.7221, -37.3909

Triad

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



122.8420, -20.6281, -10.3854



112.1050, 33.9652, -67.6211



131.3740, -3.6354, 46.1530

Complementary

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



122.8420, -20.6281, -10.3854



95.1580, 20.6281, 10.3854

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.



132.8420, 9.9379, 32.5876



122.8420, -20.6281, -10.3854



125.9190, 29.6199, -27.1160

Square

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



122.8420, -20.6281, -10.3854



102.4090, 29.3784, -89.8127



131.3640, 21.5125, 6.6968



129.9320, -16.7285, 45.6636

Rectangle

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



122.8420, -20.6281, -10.3854



112.1190, 5.8573, -58.8634



131.3640, 21.5125, 6.6968



131.6170, 1.1748, 43.3089

Sweetspot

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



122.8420, -20.6281, -10.3854



173.5020, -8.1355, -3.9483



112.4190, -15.4896, 21.5575



85.8380, -4.3571, -2.4889



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



122.8420, -20.6281, -10.3854



156.7090, -32.3945, -16.4078



114.7690, -16.6481, -26.9844



67.3050, -2.6154, -1.1445



99.3000, -48.9549, -24.8191



3.8320, -1.8892, -0.7297

Inverse Universe

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



95.1580, 20.6281, 10.3854



113.2910, 32.3945, 16.4078



103.2310, 16.6481, 26.9844



63.6950, 2.6154, 1.1445



33.7000, 48.9549, 24.8191



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 122.8420, -20.6281, -10.3854 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 122.8420, -20.6281, -10.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

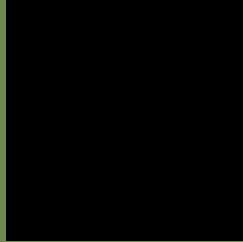
Any Text WCAG AA ✓ Pass

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 122.8420, -20.6281, -10.3854 Background



This preview shows how black text looks on a background with the YUV color 122.8420, -20.6281, -10.3854.



This preview shows how white text looks on a background with the YUV color 122.8420, -20.6281, -10.3854.

-10.3854.

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

122.8420, -20.6281, -10.3854

Protanopia

126.4750, -23.8982, 11.8614

Deuteranopia

127.8230, -21.6047, 22.9572



Tritanopia

127.8510, 5.9895, -7.7623

Trichromacy



Original Color

122.8420, -20.6281, -10.3854

Protanomaly

125.0610, -22.7081, 3.4545

Deuteranomaly

125.8600, -21.1300, 10.6468

Tritanomaly

126.3210, -3.6093, -9.0515

Monochromacy



Original Color

122.8420, -20.6281, -10.3854

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8420, -20.6281, -10.3854 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(111, 137, 81)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 81)  
}
```

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(111, 137, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 81) }
```

Border

The CSS property to change the border of an element to YUV 122.8420, -20.6281, -10.3854 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(111, 137, 81) }
```


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

```
.border{ border-color:rgb(111, 137, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 81);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 122.8420, -20.6281, -10.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 81) }
```

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

```
.background{ background-color: rgb(111,  
137, 81) }
```

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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