

Converting Colors

YUV(121.8440, -27.0381,
-7.7562)

Have a look what the booklet for
YUV(121.8440, -27.0381, -7.7562)
contains.

YUV(121.8440, -27.0381, -7.7562)	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(121.8440, -27.0381,
-7.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	718943
RGB	113, 137, 67
RGB Percent	44%, 54%, 26%
CMY	0.5569, 0.4627, 0.7373
CMYK	0.18, 0.00, 0.51, 0.46
HSL	81°, 34%, 40%
HSV	81°, 51%, 54%
XYZ	16.7688, 21.8073, 8.6356
YIQ	121.8440, 8.1660, -26.8580

Conversions

Conversions Part 2

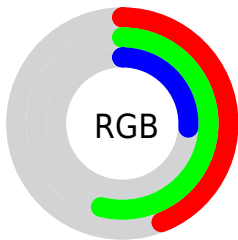
Format	Color
RYB	67, 137, 91
Decimal	7440707
CIELab	53.82, -20.53, 34.45
CIELCh	54, 40.104, 120.785
Yxy	21.8073, 0.3552, 0.4619
Android (android.graphics.Color)	4285630787 (0xFF718943)
YUV	121.8440, -27.0381, -7.7562
Hunter-Lab	46.6983, -17.6246, 21.7247

Details

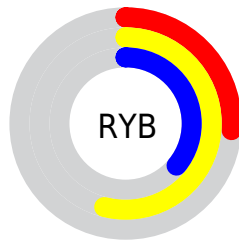
The YUV color $[121.8440, -27.0381, -7.7562]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[82.1560, 27.0381, 7.7562]$, and the grayscale version is $[122.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[174.5020, -28.3485, -7.4563]$, and $[72.0720, -26.1645, -7.9561]$ is the 20% darker color. If you saturate the color by 10%, you get $[118.7530, -32.4162, -9.4304]$, and if you desaturate by 10%, it is $[124.9350, -21.6600, -6.0820]$.

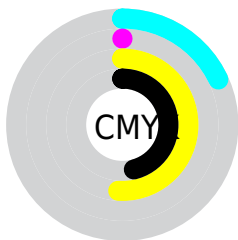
Distribution



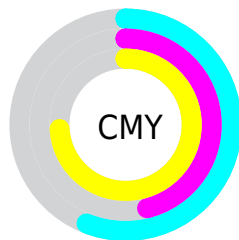
- Red (44%)
- Green (54%)
- Blue (26%)



- Red (26%)
- Yellow (54%)
- Blue (36%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)
- Black (46%)



- Cyan (56%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8440, -27.0381, -7.7562 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 121.8440, -27.0381, -7.7562 by changing the saturation by 10% instead.

■ 121.8440,
-27.0381, -7.7562

■ 121.8440,
-27.0381, -7.7562

■ 255.0000, 0.0000,
0.0000

■ 96.9580, -26.6013,
-7.8562

■ 174.5020,
-28.3485, -7.4563

■ 72.0720, -26.1645,
-7.9561

■ 202.2740,
-29.2221, -7.2563

■ 49.2290, -24.2699,
-8.9708

■ 230.7470,
-29.9483, -7.6711

■ 28.5520, -14.0761,
-11.8851

■ 247.1920,
-24.7447, 3.3396

■ 12.9140, -6.3666,
-11.3256

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 121.8440,
-27.0381, -7.7562

■ 121.8440,
-27.0381, -7.7562

■ 118.7530,
-32.4162, -9.4304

■ 124.9350,
-21.6600, -6.0820

■ 116.0750,
-37.5050, -10.5898

■ 127.6130,
-16.5712, -4.9226

■ 112.9840,
-42.8831, -12.2640

■ 130.7040,
-11.1931, -3.2484

■ 109.8930,
-48.2612, -13.9382

■ 133.7950, -5.8149,
-1.5742

■ 107.3290,
-52.9132, -15.1975

■ 136.5870, -0.2894,
-0.5148

■ 139.5640, 4.6519,
1.2594

■ 142.6550, 10.0301,
2.9336

■ 145.7460, 15.4082,
4.6078

■ 148.4240, 20.4970,
5.7672

Harmonies

Analogous

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



125.2990, -33.6714, 19.9088



121.8440, -27.0381, -7.7562



115.2880, -10.4950, -40.5946

Triad

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



121.8440, -27.0381, -7.7562



104.1990, 41.3139, -91.3825



130.8140, -0.8943, 53.6601

Complementary

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



121.8440, -27.0381, -7.7562



82.1560, 27.0381, 7.7562

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.



132.2320, 15.1686, 34.8765



121.8440, -27.0381, -7.7562



120.6870, 38.1153, -45.3295

Square

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



121.8440, -27.0381, -7.7562



104.2840, 28.9470, -91.4571



130.7530, 28.2228, 1.0936



128.6990, -16.6136, 55.5150

Rectangle

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



121.8440, -27.0381, -7.7562



103.1120, 6.3538, -78.1512



130.7530, 28.2228, 1.0936



131.2740, 4.7949, 48.8717

Sweetspot

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



121.8440, -27.0381, -7.7562



172.9320, -10.3195, -3.4484



101.4310, -16.9745, 31.1940



85.6810, -6.2517, -1.4742



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.



121.8440, -27.0381, -7.7562



155.2120, -42.0095, -12.4639



111.6780, -22.0263, -28.6586



67.3050, -2.6154, -1.1445



104.0840, -51.3134, -14.9827



3.8320, -1.8892, -0.7297

Inverse Universe

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



82.1560, 27.0381, 7.7562



93.4890, 42.1569, 11.8491



92.3220, 22.0263, 28.6586



63.3960, 2.7628, 0.5297



28.6170, 51.4608, 14.3679



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 121.8440, -27.0381, -7.7562 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 121.8440, -27.0381, -7.7562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

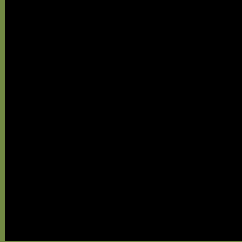
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8440, -27.0381, -7.7562

Background



This preview shows how black text looks on a background with the YUV color 121.8440, -27.0381, -7.7562.



This preview shows how white text looks on a background with the YUV color 121.8440, -27.0381, -7.7562.

-7.7562.

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

121.8440, -27.0381, -7.7562

Protanopia

124.8900, -30.0188, 15.0055

Deuteranopia

126.6510, -27.4359, 26.6161



Tritanopia

128.0470, 5.3998, -5.3032

Trichromacy



Original Color

121.8440, -27.0381, -7.7562

Protanomaly

123.4760, -28.8287, 6.5985

Deuteranomaly

124.6880, -26.9612, 14.3056

Tritanomaly

125.9470, -6.3829, -6.0925

Monochromacy



Original Color

121.8440, -27.0381, -7.7562

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7580, -9.7407, -2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8440, -27.0381, -7.7562 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(113, 137, 67)` looks like.

```
.text, #text, p{  
    color:rgb(113, 137, 67)  
}
```

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(113, 137, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 137, 67) }
```

Border

The CSS property to change the border of an element to YUV 121.8440, -27.0381, -7.7562 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(113, 137, 67) }
```


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

```
.border{ border-color:rgb(113, 137, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 137, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 137, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 137, 67);  
box-shadow:4px 4px 4px 4px rgb(113, 137,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 121.8440, -27.0381, -7.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 137, 67) }
```

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

```
.background{ background-color: rgb(113,  
137, 67) }
```

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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