

Converting Colors

YUV(127.5760, -20.4970,
-5.7672)

Have a look what the booklet for
YUV(127.5760, -20.4970, -5.7672)
contains.

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Color

**YUV(127.5760, -20.4970,
-5.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	798B56
RGB	121, 139, 86
RGB Percent	47%, 55%, 34%
CMY	0.5255, 0.4549, 0.6627
CMYK	0.13, 0.00, 0.38, 0.45
HSL	80°, 24%, 44%
HSV	80°, 38%, 55%
XYZ	18.7975, 23.2021, 12.2918
YIQ	127.5760, 6.2850, -20.2990

Conversions

Conversions Part 2

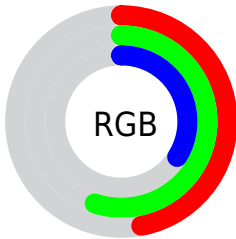
Format	Color
R_{YB}	86, 139, 104
Decimal	7965526
CIE _{Lab}	55.28, -15.93, 26.24
CIE _{LCh}	55, 30.693, 121.265
Yxy	23.2021, 0.3462, 0.4274
Android (android.graphics.Color)	4286155606 (0xFF798B56)
YUV	127.5760, -20.4970, -5.7672
Hunter-Lab	48.1685, -14.6363, 18.5881

Details

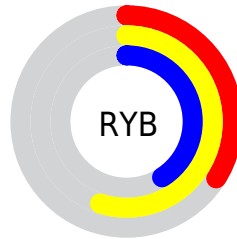
The YUV color $[127.5760, -20.4970, -5.7672]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[97.4240, 20.4970, 5.7672]$, and the grayscale version is $[128.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[180.8210, -22.0968, -5.9820]$, and $[77.9180, -19.1866, -6.0671]$ is the 20% darker color. If you saturate the color by 10%, you get $[124.4850, -25.8751, -7.4413]$, and if you desaturate by 10%, it is $[130.6670, -15.1188, -4.0930]$.

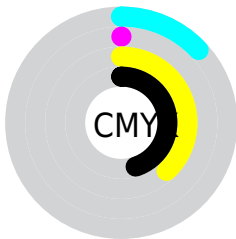
Distribution



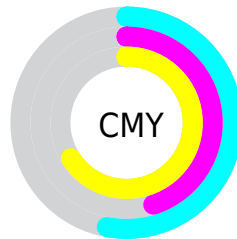
- Red (47%)
- Green (55%)
- Blue (34%)



- Red (34%)
- Yellow (55%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5760, -20.4970, -5.7672 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 127.5760, -20.4970, -5.7672 by changing the saturation by 10% instead.

■ 127.5760,
-20.4970, -5.7672

■ 127.5760,
-20.4970, -5.7672

■ 255.0000, 0.0000,
0.0000

■ 102.6900,
-20.0602, -5.8671

■ 180.8210,
-22.0968, -5.9820

■ 77.9180, -19.1866,
-6.0671

■ 208.1200,
-22.2442, -5.3672

■ 55.0320, -18.7498,
-6.1671

■ 236.5930,
-22.9703, -5.7821

■ 33.3140, -16.4238,
-5.5374

■ 250.7820,
-16.1615, 3.6992

■ 14.0880, -6.9454,
-12.3552

■ 254.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

■ 127.5760,
-20.4970, -5.7672

■ 127.5760,
-20.4970, -5.7672

■ 124.4850,
-25.8751, -7.4413

■ 130.6670,
-15.1188, -4.0930

■ 121.6930,
-31.4006, -8.5008

■ 133.4590, -9.5933,
-3.0335

■ 118.6020,
-36.7788, -10.1750

■ 136.5500, -4.2151,
-1.3593

■ 115.5110,
-42.1569, -11.8491

■ 139.6410, 1.1630,
0.3148

■ 112.5340,
-47.0983, -13.6233

■ 142.7320, 6.5411,
1.9890

■ 109.7420,
-52.6238, -14.6827

■ 145.4100, 11.6299,
3.1484

■ 109.1010,
-53.7868, -14.9976

■ 148.5010, 17.0080,
4.8226

■ 151.5920, 22.3861,

6.4968

■ 154.3840, 27.9117,
7.5562

Harmonies

Analogous

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



130.4540, -25.3668, 16.2648



127.5760, -20.4970, -5.7672



123.2230, -8.4909, -30.0136

Triad

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



127.5760, -20.4970, -5.7672



118.5960, 29.2862, -60.1587



135.2100, -1.5825, 41.0348

Complementary

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



127.5760, -20.4970, -5.7672



97.4240, 20.4970, 5.7672

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.



136.0370, 10.8278, 27.1546



127.5760, -20.4970, -5.7672



129.0390, 27.5888, -28.9752

Square

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



127.5760, -20.4970, -5.7672



110.7050, 23.8094, -76.9173



134.6300, 21.3814, 2.0785



133.7190, -13.6655, 43.2194

Rectangle

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



127.5760, -20.4970, -5.7672



119.4580, 1.7462, -46.8827



134.6300, 21.3814, 2.0785



135.3390, 2.7909, 38.2907

Sweetspot

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



127.5760, -20.4970, -5.7672



176.6270, -7.7041, -2.3039



112.4130, -13.0216, 23.3168



89.4360, -4.6519, -1.2594



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



127.5760, -20.4970, -5.7672



163.1660, -32.1268, -8.9156



119.8020, -16.6644, -21.7514



67.6040, -2.7628, -0.5297



104.3830, -51.4608, -14.3679



3.8320, -1.8892, -0.7297

Inverse Universe

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



97.4240, 20.4970, 5.7672



115.8340, 32.1268, 8.9156



105.1980, 16.6644, 21.7514



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 127.5760, -20.4970, -5.7672 looks on a white background.

Color Contrast Check

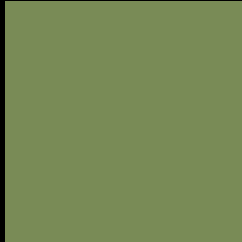
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5760, -20.4970, -5.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

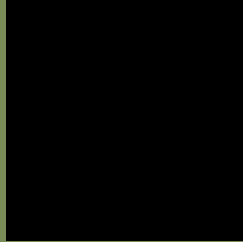
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5760, -20.4970, -5.7672

Background



This preview shows how black text looks on a background with the YUV color 127.5760, -20.4970, -5.7672.



This preview shows how white text looks on a background with the YUV color 127.5760, -20.4970, -5.7672.

-5.7672.

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

127.5760, -20.4970, -5.7672

Protanopia

130.0020, -23.1720, 12.2762

Deuteranopia

131.3500, -20.8785, 23.3721



Tritanopia

132.3570, 5.2470, -2.9441

Trichromacy



Original Color

127.5760, -20.4970, -5.7672

Protanomaly

129.4850, -22.4241, 5.7137

Deuteranomaly

130.2840, -20.8460, 12.9059

Tritanomaly

130.8270, -4.3517, -4.2333

Monochromacy



Original Color

127.5760, -20.4970, -5.7672

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5760, -20.4970, -5.7672 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(121, 139, 86)` looks like.

```
.text, #text, p{  
    color:rgb(121, 139, 86)  
}
```

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(121, 139, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 86) }
```

Border

The CSS property to change the border of an element to YUV 127.5760, -20.4970, -5.7672 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(121, 139, 86) }
```


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

```
.border{ border-color:rgb(121, 139, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 139, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 86);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 127.5760, -20.4970, -5.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 86) }
```

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

```
.background{ background-color: rgb(121,  
139, 86) }
```

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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