

Converting Colors

YUV(127.5470, -23.4407,
-41.6987)

Have a look what the booklet for
YUV(127.5470, -23.4407, -41.6987)
contains.

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Color

**YUV(127.5470, -23.4407,
-41.6987)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50A150 |
| RGB | 80, 161, 80 |
| RGB Percent | 31%, 63%, 31% |
| CMY | 0.6863, 0.3686, 0.6863 |
| CMYK | 0.50, 0.00, 0.50, 0.37 |
| HSL | 120°, 34%, 47% |
| HSV | 120°, 50%, 63% |
| XYZ | 17.5011, 27.7744, 12.0280 |
| YIQ | 127.5470, -22.2750, -42.3630 |

Conversions

Conversions Part 2

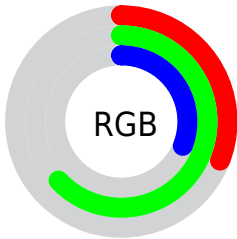
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 80, 161, 161 |
| Decimal | 5284176 |
| CIE _{Lab} | 59.68, -41.77, 34.53 |
| CIE _{LCh} | 60, 54.193, 140.424 |
| Yxy | 27.7744, 0.3054, 0.4847 |
| Android (android.graphics.Color) | 4283474256 (0xFF50A150) |
| YUV | 127.5470, -23.4407, -41.6987 |
| Hunter-Lab | 52.7014, -32.9512, 23.3593 |

Details

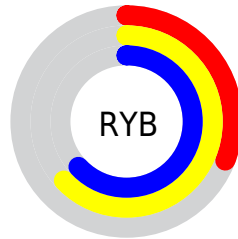
The YUV color **127.5470, -23.4407, -41.6987** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **113.4530, 23.4407, 41.6987**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0910, -25.1879, -41.2988**, and **72.4260, -19.9300, -47.7316** is the 20% darker color. If you saturate the color by 10%, you get **120.9390, -28.0709, -49.9355**, and if you desaturate by 10%, it is **134.1550, -18.8104, -33.4619**.

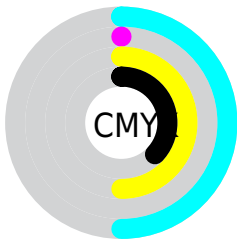
Distribution



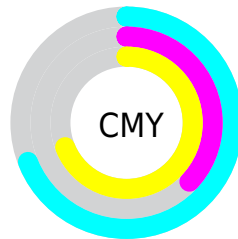
- Red (31%)
- Green (63%)
- Blue (31%)



- Red (31%)
- Yellow (63%)
- Blue (63%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5470, -23.4407, -41.6987 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 127.5470, -23.4407, -41.6987 by changing the saturation by 10% instead.

■ 127.5470,
-23.4407, -41.6987

■ 127.5470,
-23.4407, -41.6987

■ 255.0000, 0.0000,
0.0000

■ 100.5900,
-21.9829, -42.6134

■ 182.0910,
-25.1879, -41.2988

■ 72.4260, -19.9300,
-47.7316

■ 210.4500,
-26.3508, -41.6136

■ 49.2910, -21.8355,
-43.2282

■ 227.8840,
-21.1418, -32.3473

■ 34.6330, -17.0741,
-30.3731

■ 239.7470,
-13.1863, -17.3181

■ 22.8930, -11.2862,
-20.0772

■ 251.6100, -5.2307,
-2.2890

■ 0.0000, 0.0000,
0.0000

■ 127.5470,
-23.4407, -41.6987

■ 127.5470,
-23.4407, -41.6987

■ 120.9390,
-28.0709, -49.9355

■ 134.1550,
-18.8104, -33.4619

■ 114.3310,
-32.7012, -58.1723

■ 140.7630,
-14.1802, -25.2252

■ 107.7230,
-37.3314, -66.4091

■ 147.3710, -9.5499,
-16.9884

■ 101.1150,
-41.9617, -74.6459

■ 153.9790, -4.9196,
-8.7516

■ 94.5070, -46.5920,
-82.8826

■ 161.0000, 0.0000,
0.0000

■ 167.6080, 4.6303,
8.2368

■ 174.2160, 9.2605,
16.4736

■ 180.8240, 13.8908,

24.7104

■ 187.4320, 18.5210,
32.9471

Harmonies

Analogous

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



135.2570, -43.5107, 2.4056



127.5470, -23.4407, -41.6987



111.8060, 6.9976, -98.0539

Triad

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



127.5470, -23.4407, -41.6987



117.5300, 59.3917, -103.0738



141.8250, -14.2107, 78.2065

Complementary

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



127.5470, -23.4407, -41.6987



113.4530, 23.4407, 41.6987

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.



144.9050, 7.9348, 68.4893



127.5470, -23.4407, -41.6987



142.2630, 44.7333, -21.2787

Square

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



127.5470, -23.4407, -41.6987



120.3050, 47.1776, -105.5075



147.9620, 28.1197, 34.2363



141.0580, -34.5386, 64.8471

Rectangle

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



127.5470, -23.4407, -41.6987



116.2690, 21.5594, -101.9679



147.9620, 28.1197, 34.2363



142.4750, -6.6432, 77.6364

Sweetspot

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



127.5470, -23.4407, -41.6987



196.1970, -8.9711, -15.9588



151.7660, -35.3806, 8.0982



97.1530, -5.4984, -9.7812



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



127.5470, -23.4407, -41.6987



157.3750, -36.1739, -64.3499



132.2210, -5.5320, -45.7978



78.2830, -2.6045, -4.6332



85.1150, -41.9617, -74.6459



10.5660, -5.2090, -9.2664

Inverse Universe

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



113.4530, 23.4407, 41.6987



135.6250, 36.1739, 64.3499



108.8930, 5.9688, 45.6978



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 127.5470, -23.4407, -41.6987 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 127.5470, -23.4407, -41.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

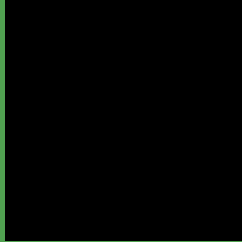
Any Text WCAG AA ✓ Pass

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 127.5470, -23.4407, -41.6987 Background



This preview shows how black text looks on a background with the YUV color 127.5470, -23.4407, -41.6987.



This preview shows how white text looks on a background with the YUV color 127.5470, -23.4407, -41.6987.

-41.6987.

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

127.5470, -23.4407, -41.6987

Protanopia

139.6190, -32.3502, 16.1201

Deuteranopia

141.3630, -27.2940, 27.7456



Tritanopia

137.2220, 13.2016, -34.3977

Trichromacy



Original Color

127.5470, -23.4407, -41.6987

Protanomaly

135.5840, -29.3749, -4.8972

Deuteranomaly

136.2520, -25.7602, 2.4100

Tritanomaly

133.3560, -0.1755, -37.1462

Monochromacy



Original Color

127.5470, -23.4407, -41.6987

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5470, -23.4407, -41.6987 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(80, 161, 80)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 80)  
}
```

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(80, 161, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 80) }
```

Border

The CSS property to change the border of an element to YUV 127.5470, -23.4407, -41.6987 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(80, 161, 80) }
```


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

```
.border{ border-color:rgb(80, 161, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 161, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 80);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 127.5470, -23.4407, -41.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 161, 80) }
```

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

```
.background{ background-color: rgb(80, 161,  
80) }
```

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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