

Converting Colors

YUV(126.9830, -18.2326,
-78.9151)

Have a look what the booklet for
YUV(126.9830, -18.2326, -78.9151)
contains.

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Color

**YUV(126.9830, -18.2326,
-78.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	25B45A
RGB	37, 180, 90
RGB Percent	15%, 71%, 35%
CMY	0.8549, 0.2941, 0.6471
CMYK	0.79, 0.00, 0.50, 0.29
HSL	142°, 66%, 43%
HSV	142°, 79%, 71%
XYZ	18.9297, 33.7740, 15.1942
YIQ	126.9830, -56.3380, -58.3060

Conversions

Conversions Part 2

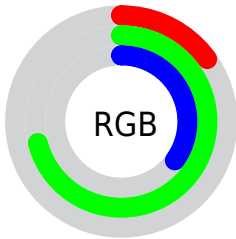
Format	Color
RYB	37, 141, 180
Decimal	2471002
CIELab	64.78, -56.21, 35.54
CIELCh	65, 66.504, 147.693
Yxy	33.7740, 0.2788, 0.4974
Android (android.graphics.Color)	4280661082 (0xFF25B45A)
YUV	126.9830, -18.2326, -78.9151
Hunter-Lab	58.1154, -43.5600, 25.1795

Details

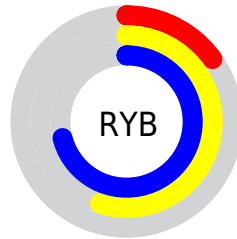
The YUV color **126.9830, -18.2326, -78.9151** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **90.0170, 18.2326, 78.9151**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3000, -22.3329, -70.4231**, and **78.6360, -18.5545, -68.9638** is the 20% darker color. If you saturate the color by 10%, you get **120.3470, -20.3841, -88.8813**, and if you desaturate by 10%, it is **133.6190, -16.0812, -68.9489**.

Distribution



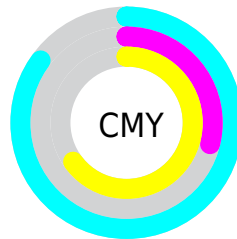
- Red (15%)
- Green (71%)
- Blue (35%)



- Red (15%)
- Yellow (55%)
- Blue (71%)



- Cyan (79%)
- Magenta (0%)
- Yellow (50%)
- Black (29%)



- Cyan (85%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9830, -18.2326, -78.9151 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 126.9830, -18.2326, -78.9151 by changing the saturation by 10% instead.

■ 126.9830,
-18.2326, -78.9151

■ 126.9830,
-18.2326, -78.9151

255.0000, 0.0000,
0.0000

■ 96.6340, -15.5956,
-84.7480

■ 187.3000,
-22.3329, -70.4231

■ 78.6360, -18.5545,
-68.9638

■ 209.9140,
-20.1706, -63.9456

■ 60.4100, -22.3871,
-52.9796

■ 221.6630,
-12.6519, -48.8165

■ 43.4380, -21.4149,
-38.0951

■ 233.8250, -4.8437,
-33.1725

■ 29.9370, -14.7589,
-26.2547

■ 246.1010, 3.4012,
-17.6286

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 126.9830,
-18.2326, -78.9151

■ 126.9830,
-18.2326, -78.9151

■ 120.3470,
-20.3841, -88.8813

■ 133.6190,
-16.0812, -68.9489

■ 113.5970,
-22.9723, -98.7476

■ 140.3690,
-13.4929, -59.0826

■ 113.2980,
-22.8249, -99.3623

■ 147.0050,
-11.3415, -49.1164

■ 153.6410, -9.1900,
-39.1502

■ 160.3910, -6.6018,
-29.2839

■ 167.0270, -4.4503,
-19.3177

■ 173.6630, -2.2989,
-9.3515

■ 180.4130, 0.2894,
0.5148

■ 187.0490, 2.4408,
10.4810

Harmonies

Analogous

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



143.8890, -52.2033, -9.5497



126.9830, -18.2326, -78.9151



125.8090, 12.4192, -110.3345

Triad

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



126.9830, -18.2326, -78.9151



126.5120, 63.3446, -110.9510



150.5510, -21.9636, 91.6018

Complementary

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



126.9830, -18.2326, -78.9151



90.0170, 18.2326, 78.9151

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.



153.0540, 5.3964, 89.4066



126.9830, -18.2326, -78.9151



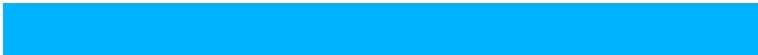
157.2630, 48.1843, -8.1237

Square

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



126.9830, -18.2326, -78.9151



134.1430, 59.5825, -117.6434



160.9630, 30.0912, 55.2834



152.1440, -48.3850, 72.6647

Rectangle

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



126.9830, -18.2326, -78.9151



130.4830, 30.3279, -114.4336



160.9630, 30.0912, 55.2834



149.7820, -12.2175, 92.2762

Sweetspot

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



126.9830, -18.2326, -78.9151



213.8530, -7.3225, -31.4431



148.1500, -54.7969, -17.6715



104.4400, -4.1609, -18.8029



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



126.9830, -18.2326, -78.9151



152.2490, -28.7168, -122.9984



135.0770, 12.7800, -86.0135



85.7390, -0.8573, -5.0331



96.3090, -19.3793, -84.4630



16.2880, -3.5930, -14.2846

Inverse Universe

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



90.0170, 18.2326, 78.9151



94.6370, 28.2800, 123.0984



81.9230, -12.7800, 86.0135



83.3750, 1.2941, 4.9331



56.6910, 19.3793, 84.4630



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 126.9830, -18.2326, -78.9151 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 126.9830, -18.2326, -78.9151 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 ✓ Pass

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

YUV 126.9830, -18.2326, -78.9151 Background



This preview shows how black text looks on a background with the YUV color 126.9830, -18.2326, -78.9151.



This preview shows how white text looks on a background with the YUV color 126.9830, -18.2326, -78.9151.

-78.9151.

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

126.9830, -18.2326, -78.9151

Protanopia

152.3480, -34.6816, 17.2348

Deuteranopia

154.8470, -28.0256, 29.0752



Tritanopia

143.3760, 19.5346, -59.0888

Trichromacy



Original Color

126.9830, -18.2326, -78.9151

Protanomaly

143.3220, -28.7527, -17.8224

Deuteranomaly

144.5170, -24.4119, -10.1004

Tritanomaly

137.6620, 5.5896, -66.3556

Monochromacy



Original Color

126.9830, -18.2326, -78.9151

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8040, -6.3124, -28.7691

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9830, -18.2326, -78.9151 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(37, 180, 90)` looks like.

```
.text, #text, p{  
    color:rgb(37, 180, 90)  
}
```

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(37, 180, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 180, 90) }
```

Border

The CSS property to change the border of an element to YUV 126.9830, -18.2326, -78.9151 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(37, 180, 90) }
```


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

```
.border{ border-color:rgb(37, 180, 90) }
```

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

Here you see how a box with a 4 pixel rgb(37, 180, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 180, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 180, 90);  
box-shadow:4px 4px 4px 4px rgb(37, 180,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 126.9830, -18.2326, -78.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 180, 90) }
```

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

```
.background{ background-color: rgb(37, 180,  
90) }
```

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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