

Converting Colors

YUV(97.5210, 6.1521, -60.0929)

Have a look what the booklet for
YUV(97.5210, 6.1521, -60.0929)
contains.

YUV(97.5210, 6.1521, -60.0929)	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(97.5210, 6.1521,
-60.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	1D826E
RGB	29, 130, 110
RGB Percent	11%, 51%, 43%
CMY	0.8863, 0.4902, 0.5686
CMYK	0.78, 0.00, 0.15, 0.49
HSL	168°, 64%, 31%
HSV	168°, 78%, 51%
XYZ	11.3038, 17.3523, 17.5054
YIQ	97.5210, -53.7760, -27.6320

Conversions

Conversions Part 2

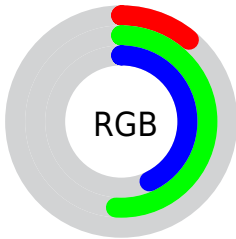
Format	Color
R_{YB}	29, 85, 130
Decimal	1933934
CIE _{Lab}	48.70, -33.00, 2.80
CIE _{LCh}	49, 33.117, 175.146
Yxy	17.3523, 0.2449, 0.3759
Android (android.graphics.Color)	4280124014 (0xFF1D826E)
YUV	97.5210, 6.1521, -60.0929
Hunter-Lab	41.6560, -24.4603, 4.2434

Details

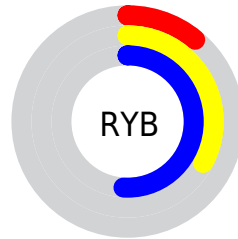
The YUV color **97.5210, 6.1521, -60.0929** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **61.4790, -6.1521, 60.0929**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5710, 3.6625, -54.8748**, and **54.1420, 4.3670, -47.4825** is the 20% darker color. If you saturate the color by 10%, you get **93.2920, 6.7580, -67.7851**, and if you desaturate by 10%, it is **101.7500, 5.5462, -52.4008**.

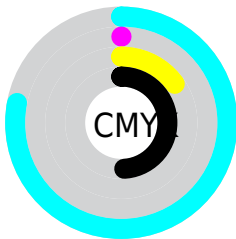
Distribution



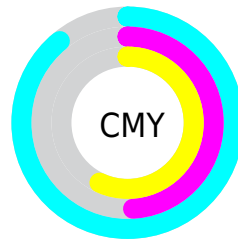
- Red (11%)
- Green (51%)
- Blue (43%)



- Red (11%)
- Yellow (33%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5210, 6.1521, -60.0929 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 97.5210, 6.1521, -60.0929 by changing the saturation by 10% instead.

■ 97.5210, 6.1521,
-60.0929

■ 97.5210, 6.1521,
-60.0929

■ 255.0000, 0.0000,
0.0000

■ 70.8520, 7.4680,
-62.1372

■ 153.5710, 3.6625,
-54.8748

■ 54.1420, 4.3670,
-47.4825

■ 180.9840, 3.9519,
-54.3600

■ 37.5460, 1.7028,
-32.9278

■ 209.4570, 3.2257,
-54.7748

■ 23.4120, -1.6821,
-20.5323

■ 230.2390, 7.2772,
-47.5676

■ 0.0000, 0.0000,
0.0000

■ 239.7510, 7.5178,
-31.3536

■ 248.7210, 3.0955,

-12.9103

■ 97.5210, 6.1521,
-60.0929

■ 97.5210, 6.1521,
-60.0929

■ 93.2920, 6.7580,
-67.7851

■ 101.7500, 5.5462,
-52.4008

■ 89.1770, 7.8007,
-75.5772

■ 105.8650, 4.5036,
-44.6086

■ 88.1660, 7.8062,
-77.3216

■ 110.0940, 3.8977,
-36.9164

■ 114.2090, 2.8550,
-29.1243

■ 118.4380, 2.2491,
-21.4321

■ 122.5530, 1.2064,
-13.6400

■ 126.7820, 0.6005,
-5.9478

■ 131.0110, -0.0054,
1.7444

■ 135.1260, -1.0481,
9.5365

Harmonies

Analogous

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



106.7350, -11.7014, -26.9546



97.5210, 6.1521, -60.0929



92.1560, 23.0941, -80.8208

Triad

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



97.5210, 6.1521, -60.0929



116.6830, 24.3133, -4.9840



115.7970, -22.0849, 37.0120

Complementary

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



97.5210, 6.1521, -60.0929



61.4790, -6.1521, 60.0929

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.



116.8980, -11.7817, 45.6935



97.5210, 6.1521, -60.0929



119.2260, 14.1856, 23.4808

Square

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



97.5210, 6.1521, -60.0929



108.1730, 30.9737, -41.3707



118.0190, 1.4696, 42.0793



113.4330, -26.8355, 20.6683

Rectangle

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



97.5210, 6.1521, -60.0929



92.8060, 30.6616, -81.3909



118.0190, 1.4696, 42.0793



115.6280, -19.0436, 41.5452

Sweetspot

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



97.5210, 6.1521, -60.0929



155.8400, 2.5439, -22.6617



94.2670, -32.1766, -39.6992



76.5530, 1.2064, -13.6400



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



97.5210, 6.1521, -60.0929



117.8220, 9.4548, -92.8059



82.1910, 23.5698, -46.6485



61.6790, 0.1583, -4.1035



86.7640, 7.5113, -76.0920



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.4790, -6.1521, 60.0929



62.1780, -9.4548, 92.8059



76.8090, -23.5698, 46.6485



59.3210, -0.1583, 4.1035



41.1220, -7.9481, 76.1920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 97.5210, 6.1521, -60.0929 looks on a white 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

Black Background



This preview shows how the YUV color 97.5210, 6.1521, -60.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

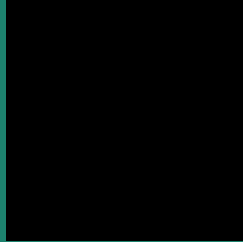
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5210, 6.1521, -60.0929

Background



This preview shows how black text looks on a background with the YUV color 97.5210, 6.1521, -60.0929.



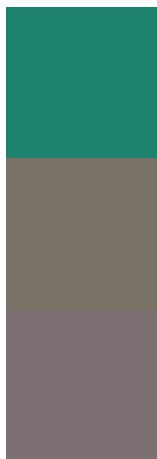
This preview shows how white text looks on a background with the YUV color 97.5210, 6.1521, -60.0929.

-60.0929.

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

97.5210, 6.1521, -60.0929

Protanopia

115.0130, -6.4154, 4.3736

Deuteranopia

115.8270, -0.9007, 8.9217



Tritanopia

103.0350, 16.7447, -50.8967

Trichromacy



Original Color

97.5210, 6.1521, -60.0929

Protanomaly

108.4230, -1.6875, -18.7880

Deuteranomaly

109.3570, 1.7960, -16.0991

Tritanomaly

100.6880, 12.9718, -54.1004

Monochromacy



Original Color

97.5210, 6.1521, -60.0929

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5210, 6.1521, -60.0929 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(29, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(29, 130, 110)  
}
```

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(29, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 130, 110) }
```

Border

The CSS property to change the border of an element to YUV 97.5210, 6.1521, -60.0929 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(29, 130, 110) }
```


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

```
.border{ border-color:rgb(29, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(29, 130,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 97.5210, 6.1521, -60.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 130, 110) }
```

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

```
.background{ background-color: rgb(29, 130,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor