

Converting Colors

YUV(126.7370, 25.2727,
-79.5763)

Have a look what the booklet for
YUV(126.7370, 25.2727, -79.5763)
contains.

YUV(126.7370, 25.2727, -79.5763)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(126.7370, 25.2727,
-79.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	24A3B2
RGB	36, 163, 178
RGB Percent	14%, 64%, 70%
CMY	0.8588, 0.3608, 0.3020
CMYK	0.80, 0.08, 0.00, 0.30
HSL	186°, 66%, 42%
HSV	186°, 80%, 70%
XYZ	21.8606, 29.7838, 46.7162
YIQ	126.7370, -80.5070, -22.2590

Conversions

Conversions Part 2

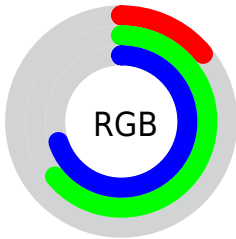
Format	Color
RYP	36, 103, 178
Decimal	2401202
CIELab	61.47, -27.57, -17.28
CIELCh	61, 32.534, 212.085
Yxy	29.7838, 0.2222, 0.3028
Android (android.graphics.Color)	4280591282 (0xFF24A3B2)
YUV	126.7370, 25.2727, -79.5763
Hunter-Lab	54.5745, -24.0047, -12.5504

Details

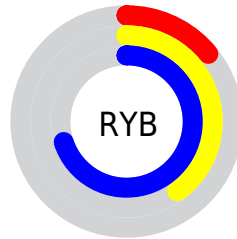
The YUV color **126.7370, 25.2727, -79.5763** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.2630, -25.2727, 79.5763**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6350, 23.3509, -69.8399**, and **79.4070, 22.4773, -69.6399** is the 20% darker color. If you saturate the color by 10%, you get **120.1810, 28.5048, -89.6127**, and if you desaturate by 10%, it is **133.2930, 22.0406, -69.5400**.

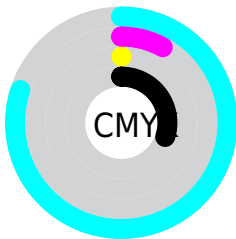
Distribution



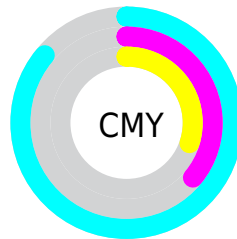
- Red (14%)
- Green (64%)
- Blue (70%)



- Red (14%)
- Yellow (40%)
- Blue (70%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (86%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7370, 25.2727, -79.5763 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 126.7370, 25.2727, -79.5763 by changing the saturation by 10% instead.

■ 126.7370, 25.2727,
-79.5763

■ 126.7370, 25.2727,
-79.5763

■ 255.0000, 0.0000,
0.0000

■ 97.0460, 26.5993,
-85.1093

■ 186.6350, 23.3509,
-69.8399

■ 79.4070, 22.4773,
-69.6399

■ 215.0220, 19.7092,
-68.4253

■ 61.8820, 18.7922,
-54.2705

■ 228.6880, 12.9718,
-54.1004

■ 45.0580, 15.2544,
-39.5159

■ 237.6580, 8.5496,
-35.6571

■ 29.6360, 12.0115,
-25.9908

■ 246.6280, 4.1274,
-17.2138

■ 10.8060, 10.9416,
-9.4769

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 126.7370, 25.2727,
-79.5763

■ 126.7370, 25.2727,
-79.5763

■ 120.1810, 28.5048,
-89.6127

■ 133.2930, 22.0406,
-69.5400

■ 113.6250, 31.7369,
-99.6491

■ 139.8490, 18.8084,
-59.5036

■ 146.1060, 15.7237,
-50.0820

■ 152.6620, 12.4916,
-40.0456

■ 158.6310, 9.5489,
-29.4944

■ 165.1870, 6.3168,
-19.4580

■ 171.7430, 3.0847,
-9.4216

■ 178.0000, 0.0000,
0.0000

■ 184.5560, -3.2321,
10.0364

Harmonies

Analogous

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



132.5040, 8.6255, -60.0780



126.7370, 25.2727, -79.5763



134.8560, 31.6230, -63.0177

Triad

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



126.7370, 25.2727, -79.5763



152.5750, 11.5485, 29.3137



146.1830, -27.6982, 17.3795

Complementary

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



126.7370, 25.2727, -79.5763



87.2630, -25.2727, 79.5763

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.



148.4010, -24.8477, 36.4823



126.7370, 25.2727, -79.5763



151.4170, -2.1776, 45.2383

Square

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



126.7370, 25.2727, -79.5763



150.9830, 22.6864, 3.5229



149.9860, -15.2761, 46.4933



143.2230, -21.8019, -7.2116

Rectangle

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



126.7370, 25.2727, -79.5763



142.1730, 30.9737, -41.3707



149.9860, -15.2761, 46.4933



147.2270, -27.7199, 24.3569

Sweetspot

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



126.7370, 25.2727, -79.5763



211.7340, 9.9911, -31.3387



120.9500, -34.9783, -74.5011



105.0730, 5.8800, -19.3580



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.



126.7370, 25.2727, -79.5763



151.8220, 39.5278, -125.2549



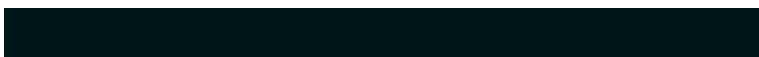
85.6470, 45.5300, -43.5404



85.7220, 1.6161, -5.0182



97.8610, 27.1835, -85.8241



16.4650, 4.7008, -14.4398

Inverse Universe

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



92.9360, 34.5416, 74.6011



98.4770, 54.4878, 117.0997



128.3530, -45.5300, 43.5404



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 126.7370, 25.2727, -79.5763 looks on a white background.

Color Contrast Check

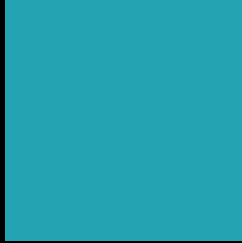
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7370, 25.2727, -79.5763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

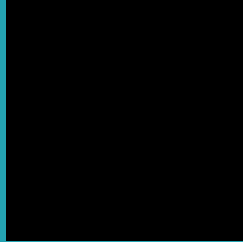
Any Text WCAG AA ✓ Pass

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 126.7370, 25.2727, -79.5763 Background



This preview shows how black text looks on a background with the YUV color 126.7370, 25.2727, -79.5763.



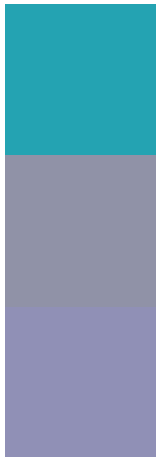
This preview shows how white text looks on a background with the YUV color 126.7370, 25.2727, -79.5763.

-79.5763.

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

126.7370, 25.2727, -79.5763

Protanopia

147.7960, 9.4676, -3.3291

Deuteranopia

148.3320, 16.5983, -3.7992



Tritanopia

126.0250, 25.1307, -80.7059

Trichromacy



Original Color

126.7370, 25.2727, -79.5763

Protanomaly

140.1130, 15.2273, -30.7941

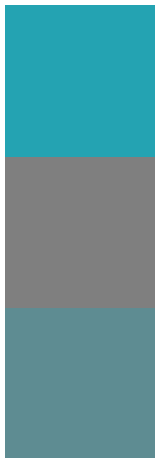
Deuteranomaly

140.6660, 19.8847, -31.2791

Tritanomaly

126.3240, 24.9833, -80.0911

Monochromacy



Original Color

126.7370, 25.2727, -79.5763

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9300, 9.4015, -28.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7370, 25.2727, -79.5763 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(36, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(36, 163, 178)  
}
```

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(36, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 163, 178) }
```

Border

The CSS property to change the border of an element to YUV 126.7370, 25.2727, -79.5763 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(36, 163, 178) }
```


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

```
.border{ border-color:rgb(36, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(36, 163,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 126.7370, 25.2727, -79.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 163, 178) }
```

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

```
.background{ background-color: rgb(36, 163,  
178) }
```

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