

Converting Colors

YUV(125.2550, 19.5943,
-78.2766)

Have a look what the booklet for
YUV(125.2550, 19.5943, -78.2766)
contains.

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Color

**YUV(125.2550, 19.5943,
-78.2766)**

Conversions

Conversions Part 1

Format	Color
Hex	24A3A5
RGB	36, 163, 165
RGB Percent	14%, 64%, 65%
CMY	0.8588, 0.3608, 0.3529
CMYK	0.78, 0.01, 0.00, 0.35
HSL	181°, 64%, 39%
HSV	181°, 78%, 65%
XYZ	20.6163, 29.2861, 40.1635
YIQ	125.2550, -76.3340, -26.3020

Conversions

Conversions Part 2

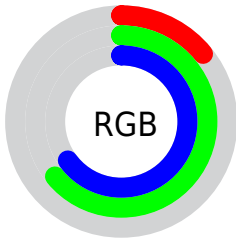
Format	Color
R_{YB}	36, 100, 165
Decimal	2401189
CIE _{Lab}	61.03, -31.62, -10.62
CIE _{LCh}	61, 33.356, 198.562
Yxy	29.2861, 0.2289, 0.3252
Android (android.graphics.Color)	4280591269 (0xFF24A3A5)
YUV	125.2550, 19.5943, -78.2766
Hunter-Lab	54.1166, -26.7026, -6.1214

Details

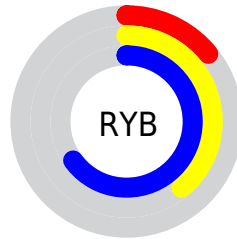
The YUV color **125.2550, 19.5943, -78.2766** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **75.7450, -19.5943, 78.2766**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4410, 17.5306, -69.6698**, and **78.0390, 17.2358, -68.4402** is the 20% darker color. If you saturate the color by 10%, you get **120.4710, 21.9528, -88.1131**, and if you desaturate by 10%, it is **130.3380, 17.0884, -67.8254**.

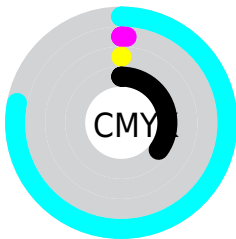
Distribution



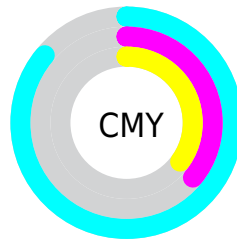
- Red (14%)
- Green (64%)
- Blue (65%)



- Red (14%)
- Yellow (39%)
- Blue (65%)



- Cyan (78%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2550, 19.5943, -78.2766 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 125.2550, 19.5943, -78.2766 by changing the saturation by 10% instead.

■ 125.2550, 19.5943,
-78.2766

■ 125.2550, 19.5943,
-78.2766

■ 255.0000, 0.0000,
0.0000

■ 95.6780, 21.3577,
-83.9096

■ 184.4410, 17.5306,
-69.6698

■ 78.0390, 17.2358,
-68.4402

■ 213.6260, 16.9464,
-68.9550

■ 60.6280, 13.9874,
-53.1708

■ 228.0900, 13.2666,
-55.3299

■ 43.8040, 10.4496,
-38.4161

■ 237.0600, 8.8444,
-36.8866

■ 28.3820, 7.2067,
-24.8910

■ 246.0300, 4.4222,
-18.4433

■ 7.4320, 8.1680,
-6.5179

■ 0.0000, 0.0000,

0.0000

■ 125.2550, 19.5943,
-78.2766

■ 125.2550, 19.5943,
-78.2766

■ 120.4710, 21.9528,
-88.1131

■ 130.3380, 17.0884,
-67.8254

■ 114.8010, 24.7481,
-98.0495

■ 135.7090, 14.4405,
-58.5038

■ 113.9040, 25.1903,
-99.8938

■ 140.7920, 11.9345,
-48.0526

■ 145.5760, 9.5760,
-38.2162

■ 150.6590, 7.0701,
-27.7649

■ 156.0300, 4.4222,
-18.4433

■ 161.1130, 1.9163,
-7.9921

■ 165.8970, -0.4422,
1.8443

■ 170.6810, -2.8007,
11.6808

Harmonies

Analogous

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



133.5070, 0.7360, -49.5566



125.2550, 19.5943, -78.2766



126.1590, 31.9666, -79.9464

Triad

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



125.2550, 19.5943, -78.2766



151.1160, 17.6908, 19.1923



146.5370, -27.8727, 26.7161

Complementary

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



125.2550, 19.5943, -78.2766



75.7450, -19.5943, 78.2766

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.



148.2430, -21.8118, 42.7599



125.2550, 19.5943, -78.2766



151.1050, 4.3852, 40.2499

Square

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



125.2550, 19.5943, -78.2766



147.7360, 27.2452, -12.0465



149.4900, -9.6086, 48.6823



143.1490, -26.2025, 4.2543

Rectangle

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



125.2550, 19.5943, -78.2766



134.8180, 32.6277, -58.5994



149.4900, -9.6086, 48.6823



146.9230, -26.5840, 33.3935

Sweetspot

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



125.2550, 19.5943, -78.2766



198.7620, 7.5123, -29.6093



111.7230, -37.3314, -66.4091



98.0300, 4.4222, -18.4433



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



125.2550, 19.5943, -78.2766



152.1400, 30.4970, -122.0258



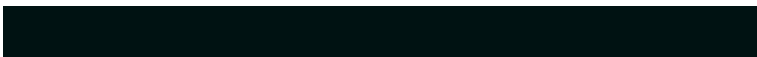
88.8610, 37.5365, -46.3591



78.7220, 1.6161, -5.0182



100.4710, 21.9528, -88.1131



12.6180, 2.6533, -11.0660

Inverse Universe

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



89.0490, 36.4578, 66.6090



95.6710, 56.8572, 103.7745



112.7260, -37.8259, 45.8443



76.6030, 2.1677, 4.7332



59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 125.2550, 19.5943, -78.2766 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 125.2550, 19.5943, -78.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

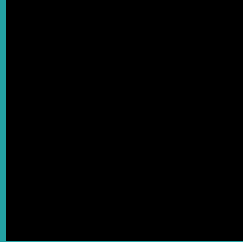
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.2550, 19.5943, -78.2766

Background



This preview shows how black text looks on a background with the YUV color 125.2550, 19.5943, -78.2766.



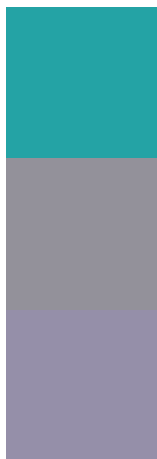
This preview shows how white text looks on a background with the YUV color 125.2550, 19.5943, -78.2766.

-78.2766.

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

125.2550, 19.5943, -78.2766

Protanopia

146.6240, 3.6364, 0.3298

Deuteranopia

147.7580, 10.4723, 1.0892



Tritanopia

128.2000, 23.0724, -73.8434

Trichromacy



Original Color

125.2550, 19.5943, -78.2766

Protanomaly

139.2290, 9.2541, -28.2648

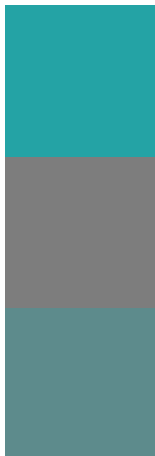
Deuteranomaly

139.4940, 14.0535, -27.6202

Tritanomaly

126.8470, 21.7674, -75.2878

Monochromacy



Original Color

125.2550, 19.5943, -78.2766

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3600, 7.2175, -28.3797

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2550, 19.5943, -78.2766 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(36, 163, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 163, 165) }
```

Border

The CSS property to change the border of an element to YUV 125.2550, 19.5943, -78.2766 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, 165) }
```


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

```
.border{ border-color:rgb(36, 163, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(36, 163,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 125.2550, 19.5943, -78.2766 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, 165) }
```

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

```
.background{ background-color: rgb(36, 163,  
165) }
```

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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