

Converting Colors

YUV(125.8080, 24.2517,
-78.7616)

Have a look what the booklet for
YUV(125.8080, 24.2517, -78.7616)
contains.

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Color

**YUV(125.8080, 24.2517,
-78.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	24A2AF
RGB	36, 162, 175
RGB Percent	14%, 64%, 69%
CMY	0.8588, 0.3647, 0.3137
CMYK	0.79, 0.07, 0.00, 0.31
HSL	186°, 66%, 41%
HSV	186°, 79%, 69%
XYZ	21.3857, 29.3109, 45.0879
YIQ	125.8080, -79.2690, -22.6690

Conversions

Conversions Part 2

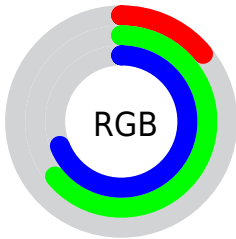
Format	Color
R _Y B	36, 102, 175
Decimal	2400943
CIE Lab	61.06, -28.02, -16.22
CIE LCh	61, 32.378, 210.061
Yxy	29.3109, 0.2233, 0.3060
Android (android.graphics.Color)	4280591023 (0xFF24A2AF)
YUV	125.8080, 24.2517, -78.7616
Hunter-Lab	54.1395, -24.2346, -11.4796

Details

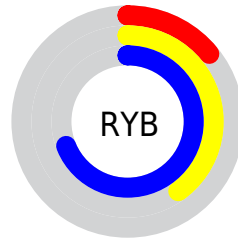
The YUV color **125.8080, 24.2517, -78.7616** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.1920, -24.2517, 78.7616**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4070, 22.4773, -69.6399**, and **78.5920, 21.8931, -68.9252** is the 20% darker color. If you saturate the color by 10%, you get **119.2520, 27.4838, -88.7980**, and if you desaturate by 10%, it is **132.3640, 21.0195, -68.7252**.

Distribution



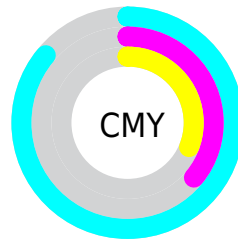
- Red (14%)
- Green (64%)
- Blue (69%)



- Red (14%)
- Yellow (40%)
- Blue (69%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8080, 24.2517, -78.7616 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 125.8080, 24.2517, -78.7616 by changing the saturation by 10% instead.

■ 125.8080, 24.2517,
-78.7616

■ 125.8080, 24.2517,
-78.7616

■ 255.0000, 0.0000,
0.0000

■ 96.7040, 25.2889,
-84.8094

■ 185.4070, 22.4773,
-69.6399

■ 78.5920, 21.8931,
-68.9252

■ 214.4350, 19.9985,
-67.9105

■ 61.0670, 18.2080,
-53.5558

■ 228.3890, 13.1192,
-54.7152

■ 44.2430, 14.6702,
-38.8011

■ 237.3590, 8.6970,
-36.2718

■ 28.7070, 10.9904,
-25.1760

■ 246.3290, 4.2748,
-17.8285

■ 8.8170, 10.9362,
-7.7325

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 125.8080, 24.2517,
-78.7616

■ 125.8080, 24.2517,
-78.7616

■ 119.2520, 27.4838,
-88.7980

■ 132.3640, 21.0195,
-68.7252

■ 113.5820, 30.2791,
-98.7344

■ 138.0340, 18.2242,
-58.7888

■ 113.2830, 30.4265,
-99.3492

■ 144.5900, 14.9921,
-48.7524

■ 150.8470, 11.9074,
-39.3308

■ 156.8160, 8.9647,
-28.7796

■ 163.0730, 5.8800,
-19.3580

■ 169.0420, 2.9373,
-8.8068

■ 175.2990, -0.1474,
0.6148

■ 181.8550, -3.3795,
10.6512

Harmonies

Analogous

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



132.0590, 6.8729, -57.9337



125.8080, 24.2517, -78.7616



132.7310, 31.1916, -64.6621

Triad

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



125.8080, 24.2517, -78.7616



151.0910, 12.2801, 27.9842



145.5960, -27.4088, 17.8943

Complementary

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



125.8080, 24.2517, -78.7616



85.1920, -24.2517, 78.7616

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.



147.9280, -24.1215, 36.8971



125.8080, 24.2517, -78.7616



150.3460, -1.1566, 44.4236

Square

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



125.8080, 24.2517, -78.7616



149.7870, 23.2760, 1.0638



149.2140, -14.4025, 46.2933



142.1200, -22.2442, -5.3672

Rectangle

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



125.8080, 24.2517, -78.7616



140.1620, 30.9791, -43.1151



149.2140, -14.4025, 46.2933



146.0530, -27.1411, 25.3865

Sweetspot

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



125.8080, 24.2517, -78.7616



207.6200, 9.5543, -31.2387



118.9610, -34.9838, -72.7568



103.0730, 5.8800, -19.3580



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



125.8080, 24.2517, -78.7616



150.6760, 37.6277, -122.4959



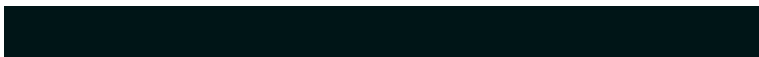
85.8920, 43.9302, -43.7553



83.7220, 1.6161, -5.0182



96.9320, 26.1625, -85.0094



14.9490, 3.9691, -13.1103

Inverse Universe

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



91.9250, 34.5470, 72.8568



97.9280, 53.7725, 113.1961



125.1080, -43.9302, 43.7553



81.6030, 2.1677, 4.7332



60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 125.8080, 24.2517, -78.7616 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 125.8080, 24.2517, -78.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

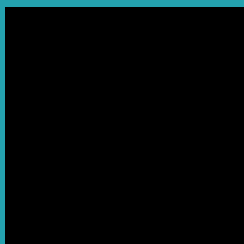
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

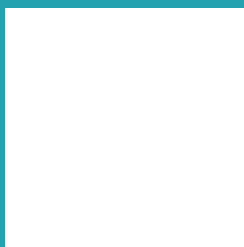
Any Text WCAG AAA × Fail

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

YUV 125.8080, 24.2517, -78.7616 Background



This preview shows how black text looks on a background with the YUV color 125.8080, 24.2517, -78.7616.



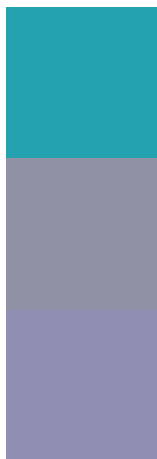
This preview shows how white text looks on a background with the YUV color 125.8080, 24.2517, -78.7616.

-78.7616.

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

125.8080, 24.2517, -78.7616

Protanopia

146.8670, 8.4466, -2.5144

Deuteranopia

147.4030, 15.5773, -2.9844



Tritanopia

125.8080, 24.2517, -78.7616

Trichromacy



Original Color

125.8080, 24.2517, -78.7616

Protanomaly

139.1840, 14.2063, -29.9794

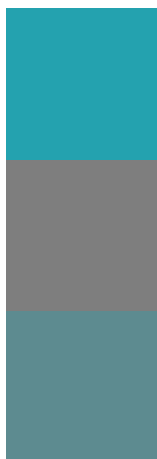
Deuteranomaly

139.7370, 18.8637, -30.4643

Tritanomaly

125.8080, 24.2517, -78.7616

Monochromacy



Original Color

125.8080, 24.2517, -78.7616

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8160, 8.9647, -28.7796

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8080, 24.2517, -78.7616 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, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(36, 162, 175)  
}
```

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, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 162, 175) }
```

Border

The CSS property to change the border of an element to YUV 125.8080, 24.2517, -78.7616 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, 162, 175) }
```


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

```
.border{ border-color:rgb(36, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(36, 162,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 125.8080, 24.2517, -78.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 162, 175) }
```

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

```
.background{ background-color: rgb(36, 162,  
175) }
```

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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