

Converting Colors

YUV(24.5990, 14.9877, -0.5253)

Have a look what the booklet for
YUV(24.5990, 14.9877, -0.5253)
contains.

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Color

**YUV(24.5990, 14.9877,
-0.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	181337
RGB	24, 19, 55
RGB Percent	9%, 7%, 22%
CMY	0.9059, 0.9255, 0.7843
CMYK	0.56, 0.65, 0.00, 0.78
HSL	248°, 49%, 15%
HSV	248°, 65%, 22%
XYZ	1.2991, 0.9358, 3.7266
YIQ	24.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

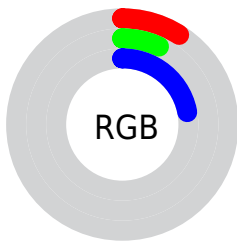
Format	Color
R_YB	24, 19, 55
Decimal	1577783
CIE Lab	8.44, 14.18, -22.79
CIE LCh	8, 26.843, 301.898
Yxy	0.9358, 0.2179, 0.1570
Android (android.graphics.Color)	4279767863 (0xFF181337)
YUV	24.5990, 14.9877, -0.5253
Hunter-Lab	9.6735, 7.0438, -16.0691

Details

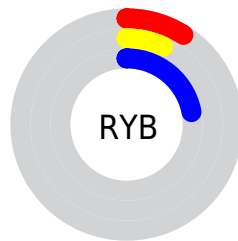
The YUV color **24.5990, 14.9877, -0.5253** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **49.4010, -14.9877, 0.5253**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3650, 16.5821, 1.4339**, and **0.7980, 3.0576, -0.6998** is the 20% darker color. If you saturate the color by 10%, you get **20.1690, 17.1717, -1.0252**, and if you desaturate by 10%, it is **29.6160, 12.5143, -0.5402**.

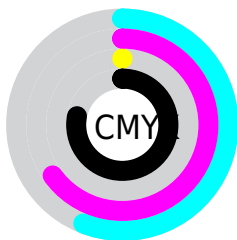
Distribution



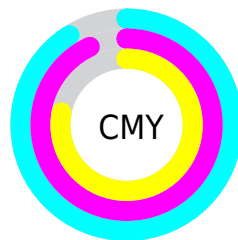
- Red (9%)
- Green (7%)
- Blue (22%)



- Red (9%)
- Yellow (7%)
- Blue (22%)



- Cyan (56%)
- Magenta (65%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.5990, 14.9877, -0.5253 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 24.5990, 14.9877, -0.5253 by changing the saturation by 10% instead.

■ 24.5990, 14.9877,
-0.5253

■ 24.5990, 14.9877,
-0.5253

■ 247.9560, 3.4727,
6.1776

■ 3.8760, 14.8511,
-3.3993

■ 68.3650, 16.5821,
1.4339

■ 0.7980, 3.0576,
-0.6998

■ 91.8920, 17.3082,
1.8487

■ 0.0000, 0.0000,
0.0000

■ 117.4190, 18.0344,
2.2635

■ 142.8320, 18.3238,
2.7783

■ 169.3590, 19.0500,
3.1932

■ 196.4730, 19.4868,

3.0932

■ 223.4470, 15.5556,
3.9930

■ 24.5990, 14.9877,
-0.5253

■ 24.5990, 14.9877,
-0.5253

■ 20.1690, 17.1717,
-1.0252

■ 29.6160, 12.5143,
-0.5402

■ 15.4510, 19.4977,
-0.3955

■ 33.7470, 10.4777,
-0.6551

■ 10.4340, 21.9710,
-0.3806

■ 38.7640, 8.0043,
-0.6700

■ 8.6620, 22.8446,
-0.5806

■ 43.1940, 5.8204,
-0.1701

■ 48.2110, 3.3470,
-0.1850

■ 52.3420, 1.3104,
-0.2999

■ 57.3590, -1.1630,
-0.3148

■ 61.7890, -3.3470,
0.1850

■ 66.8060, -5.8204,
0.1701

Harmonies

Analogous

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



22.1020, 18.6837, -19.3835



24.5990, 14.9877, -0.5253



23.8250, 8.9603, 19.4475

Triad

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



24.5990, 14.9877, -0.5253



23.4340, -11.5530, 18.9134



22.8080, 1.0807, -20.0026

Complementary

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



24.5990, 14.9877, -0.5253



49.4010, -14.9877, 0.5253

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.



18.7840, -9.2605, -16.4736



24.5990, 14.9877, -0.5253



23.3570, -11.5150, 6.7029

Square

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



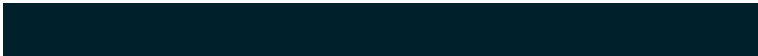
24.5990, 14.9877, -0.5253



20.2550, -9.9857, 29.5944



20.3120, -10.0138, -8.1666



24.2730, 9.2324, -21.2874

Rectangle

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



24.5990, 14.9877, -0.5253



21.6150, 4.1338, 27.5246



20.3120, -10.0138, -8.1666



21.4230, -1.6875, -18.7880

Sweetspot

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



24.5990, 14.9877, -0.5253



59.1940, 5.8204, -0.1701



41.3010, 6.7536, -19.5580



28.3250, 3.7838, -0.2850



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



24.5990, 14.9877, -0.5253



23.7760, 23.2814, -0.6806



29.9810, 12.3344, 10.5407



25.6410, 1.1630, 0.3148



14.3750, 38.2691, -1.2059



33.9360, 91.2366, -3.4519

Inverse Universe

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



33.2980, 8.2341, 19.0327



37.3300, 13.1483, 29.5286



44.0190, -12.3344, -10.5407



26.2390, 0.8682, 1.5444



36.5140, 20.9456, 48.6612



87.0270, 50.2727, 115.7403

Previews

White Background



This preview shows how the YUV color 24.5990, 14.9877, -0.5253 looks on a white background.

Color Contrast Check

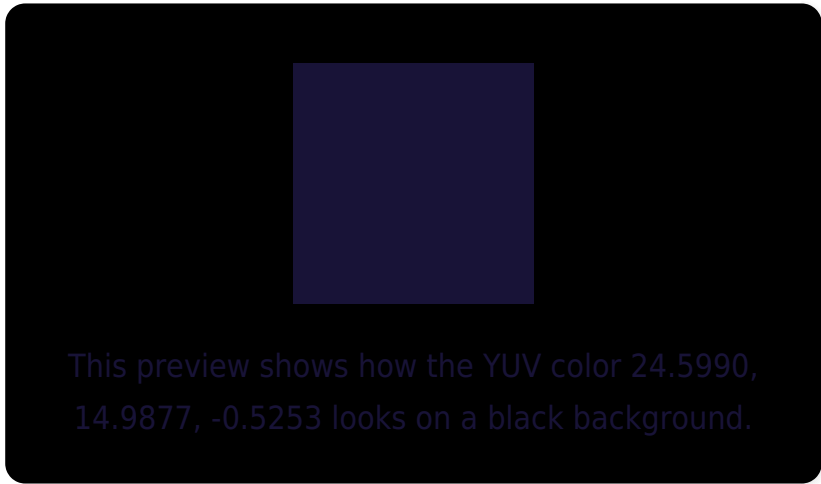
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

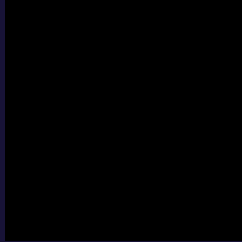
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.5990, 14.9877, -0.5253

Background



This preview shows how black text looks on a background with the YUV color 24.5990, 14.9877, -0.5253.



This preview shows how white text looks on a background with the YUV color 24.5990, 14.9877,

-0.5253.

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

24.5990, 14.9877, -0.5253

Deuteranopia

20.2780, 11.6949, -17.7838

Tritanopia

23.3410, 2.7899, -8.1921

Trichromacy



Original Color

24.5990, 14.9877, -0.5253

Deuteranomaly

21.6640, 12.9836, -11.1063

Tritanomaly

23.8020, 6.9996, -5.0884

Monochromacy



Original Color

24.5990, 14.9877, -0.5253

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.5990, 14.9877, -0.5253 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(24, 19, 55)` looks like.

```
.text, #text, p{  
    color:rgb(24, 19, 55)  
}
```

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(24, 19, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 19, 55) }
```

Border

The CSS property to change the border of an element to YUV 24.5990, 14.9877, -0.5253 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(24, 19, 55) }
```

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

```
.border{ border-color:rgb(24, 19, 55) }
```

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

Here you see how a box with a 4 pixel rgb(24, 19, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 19, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 19, 55);  
box-shadow:4px 4px 4px 4px rgb(24, 19, 55)  
}
```


Background

The CSS property to change the background color of an element to YUV 24.5990, 14.9877, -0.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 19, 55) }
```

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

```
.background{ background-color: rgb(24, 19,  
55) }
```

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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