

Converting Colors

YUV(22.4950, 12.5740,
-19.7281)

Have a look what the booklet for
YUV(22.4950, 12.5740, -19.7281)
contains.

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Color

**YUV(22.4950, 12.5740,
-19.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	001D30
RGB	0, 29, 48
RGB Percent	0%, 11%, 19%
CMY	1.0000, 0.8863, 0.8118
CMYK	1.00, 0.40, 0.00, 0.81
HSL	204°, 100%, 9%
HSV	204°, 100%, 19%
XYZ	0.9729, 1.0921, 2.9558
YIQ	22.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

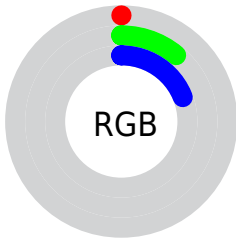
Format	Color
RYB	0, 18, 48
Decimal	7472
CIELab	9.74, -2.37, -15.74
CIELCh	10, 15.913, 261.428
Yxy	1.0921, 0.1938, 0.2175
Android (android.graphics.Color)	4278197552 (0xFF001D30)
YUV	22.4950, 12.5740, -19.7281
Hunter-Lab	10.4505, -1.6713, -9.4543

Details

The YUV color **22.4950, 12.5740, -19.7281** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.5050, -12.5740, 19.7281**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.6310, 12.9999, -16.3394**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.4950, 12.5740, -19.7281**, and if you desaturate by 10%, it is **25.1640, 11.2581, -17.6838**.

Distribution



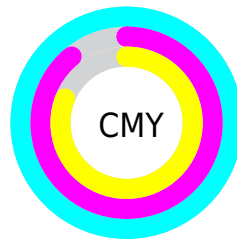
- Red (0%)
- Green (11%)
- Blue (19%)



- Red (0%)
- Yellow (7%)
- Blue (19%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4950, 12.5740, -19.7281 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 22.4950, 12.5740, -19.7281 by changing the saturation by 10% instead.

■ 22.4950, 12.5740,
-19.7281

■ 22.4950, 12.5740,
-19.7281

■ 248.4220, 3.2430,
-13.5251

■ 3.7790, 11.9410,
-3.3142

■ 67.6310, 12.9999,
-16.3394

■ 0.0000, 0.0000,
0.0000

■ 91.7450, 13.4367,
-16.4394

■ 116.8590, 13.8735,
-16.5393

■ 141.9730, 14.3103,
-16.6393

■ 168.7880, 14.8945,
-17.3541

■ 195.9020, 15.3313,

-17.4541

■ 223.9020, 15.3313,
-17.4541

■ 22.4950, 12.5740,
-19.7281

■ 25.1640, 11.2581,
-17.6838

■ 27.8330, 9.9423,
-15.6395

■ 30.2030, 8.7739,
-14.2100

■ 32.8720, 7.4581,
-12.1657

■ 35.5410, 6.1423,
-10.1215

■ 37.6230, 5.1159,
-7.5624

■ 40.2920, 3.8000,
-5.5181

■ 42.6620, 2.6316,
-4.0886

■ 45.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



23.0990, 9.8112, -20.2578



22.4950, 12.5740, -19.7281



26.9100, 9.9044, -3.4291

Triad

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



22.4950, 12.5740, -19.7281



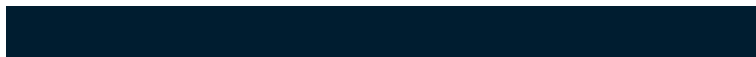
26.7850, -3.8380, 17.7286



23.3380, -6.0826, -9.0664

Complementary

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



22.4950, 12.5740, -19.7281



25.5050, -12.5740, 19.7281

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.



25.0960, -12.3723, 1.6698



22.4950, 12.5740, -19.7281



26.1670, -9.9423, 15.6395

Square

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



22.4950, 12.5740, -19.7281



27.4410, 1.2616, 15.3992



25.7380, -12.6888, 9.8768



21.4060, 0.7858, -18.7731

Rectangle

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



22.4950, 12.5740, -19.7281



27.6830, 7.5513, 4.6630



25.7380, -12.6888, 9.8768



23.9750, -8.8617, -4.3631

Sweetspot

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



22.4950, 12.5740, -19.7281



51.5090, 4.6791, -7.4624



30.2280, -6.0284, -26.5100



24.7760, 3.0684, -4.1886



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



22.4950, 12.5740, -19.7281



28.6730, 15.9372, -25.1462



8.9940, 19.2300, -7.8877



21.8150, 0.5842, -0.7148



40.4420, 22.9531, -35.4676



100.1190, 56.1433, -87.8044

Inverse Universe

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



17.6580, 5.5916, 26.6099



22.4570, 7.1697, 33.8022



39.0060, -19.2300, 7.8877



21.7120, 0.1420, 1.1296



31.9410, 9.8891, 48.2867



78.6920, 24.8018, 118.6651

Previews

White Background



This preview shows how the YUV color 22.4950, 12.5740, -19.7281 looks on a white background.

Color Contrast Check

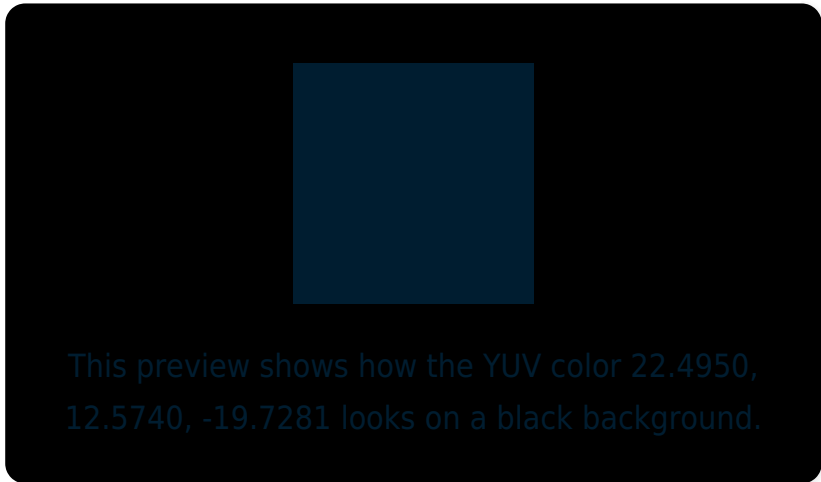
Large Text (above 18pt) WCAG AA ✓ Pass

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

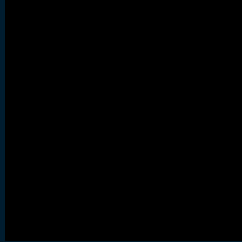
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4950, 12.5740, -19.7281

Background



This preview shows how black text looks on a background with the YUV color 22.4950, 12.5740, -19.7281.



This preview shows how white text looks on a background with the YUV color 22.4950, 12.5740,

-19.7281.

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

22.4950, 12.5740, -19.7281

Protanopia

27.0730, 9.3310, -6.2030

Deuteranopia

25.7950, 10.9471, -11.2212



Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Original Color

22.4950, 12.5740, -19.7281

Protanomaly

25.6810, 10.5103, -11.1212

Deuteranomaly

24.3000, 11.6841, -14.2951

Tritanomaly

21.9420, 7.9166, -19.2431

Monochromacy



Original Color

22.4950, 12.5740, -19.7281

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4950, 12.5740, -19.7281 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(0, 29, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 48)  
}
```

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(0, 29, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 48) }
```

Border

The CSS property to change the border of an element to YUV 22.4950, 12.5740, -19.7281 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(0, 29, 48) }
```


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

```
.border{ border-color:rgb(0, 29, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 29, 48); box-shadow:4px  
4px 4px 4px rgb(0, 29, 48) }
```

Background

The CSS property to change the background color of an element to YUV 22.4950, 12.5740, -19.7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 48) }
```

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

```
.background{ background-color: rgb(0, 29,  
48) }
```

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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